



Government of Kerala

ANNUAL SURVEY OF INDUSTRIES 2020-21

VOLUME II

TABLES OF SURVEY

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Table T.1: Estimate of Selected Characteristics of factory sector of Kerala

All – Kerala		(Values in ₹ lakh unless otherwise mentioned)
Sl.No.	Characteristic	Total
1	No. of Factories (Nos.)	7972
2	Factories in Operation (Nos.)	6957
3	Fixed Capital	5817077
4	Physical Working Capital	2215662
5	Working Capital	1529079
6	Invested Capital	8032739
7	Gross Value of Additions to Fixed Capital	1109172
8	Rent Paid	4993
9	Outstanding Loan	1274259
10	Interest Paid	190198
11	Rent Received	622
12	Interest Received	47501
13	Gross Value of P&M	3261600
14	Value of Products & By-products	12888107
15	Other Output	1539384
16	Total Output	14427491
17	Fuels Consumed	659942
18	Material Consumed for Manufacturing	9708347
19	Other Input	1713022
20	Total Input	12081298
21	Gross Value Added (GVA)	2346193
22	Depreciation	380261
23	Net Value Added (NVA)	1965932
24	Net Fixed Capital Formation	219372
25	Gross Fixed Capital Formation	599633
26.1	Addition in Stock of - Materials, Fuels etc.	235139
26.2	Addition in Stock of - Semi Finished Goods	90338
26.3	Addition in Stock of - Finished Goods	98210
26.4	Addition in Stock of - Total	423687
27	Gross Capital Formation	1023320
28	Net Income	1770743
29	Profit	746139

Table T.2: District wise Estimate of Selected Characteristics of factory sector of Kerala

Values in ₹lakh otherwise mentioned)

Sl. No.	Characteristic	Kasaragod	Kannur	Wayanad	Kozhikkode	Malappuram	Palakkad	Thrissur
1	No. of Factories (Nos.)	349	730	70	468	340	560	917
2	Factories in Operation (Nos.)	291	548	67	430	330	557	824
3	Fixed Capital	12512	68366	56841	104551	50080	258171	176479
4	Physical Working Capital	16021	32936	7805	53938	53217	139405	101792
5	Working Capital	20207	36553	4750	25982	32311	67248	105324
6	Invested Capital	28533	101302	64646	158489	103297	397576	278271
7	Gross Value of Additions to Fixed Capital	825	6438	2012	9623	9354	31777	20533
8	Rent Paid	1	74	6	19	575	593	189
9	Outstanding Loan	10625	37525	18795	32397	30411	118664	105225
10	Interest Paid	1075	6631	573	5547	4308	14280	12487
11	Rent Received	0	0	0	0	0	35	0
12	Interest Received	37	461	37	695	768	1492	1704
13	Gross Value of P&M	3226	27535	10867	93512	29287	196857	91588
14	Value of Products & By-products	35856	158519	90137	254281	338139	725194	804366
15	Other Output	13858	38086	21323	101397	59100	133396	178068
16	Total Output	49714	196605	111460	355678	397239	858590	982434
17	Fuels Consumed	941	9775	3428	9664	10069	49808	21084
18	Material Consumed for Manufacturing	27146	107971	64289	184735	278567	532990	648128
19	Other Input	7123	26429	21919	84079	57326	145876	149967
20	Total Input	35210	144175	89636	278478	345962	728674	819166
21	Gross Value Added (GVA)	14504	52430	21824	77200	51277	129916	163268
22	Depreciation	1347	7438	1587	14059	5763	20175	15755
23	Net Value Added (NVA)	13157	44992	20237	63141	45514	109741	147513
24	Net Fixed Capital Formation	-745	-1545	57	-6273	3507	8263	-3326
25	Gross Fixed Capital Formation	602	5893	1644	7786	9270	28438	12429
26.1	Addition in Stock of - Materials, Fuels etc.	2572	1059	485	3980	5276	11516	4416
26.2	Addition in Stock of - Semi Finished Goods	188	76	112	949	690	-2243	717
26.3	Addition in Stock of - Finished Goods	-156	1027	456	-224	-232	6307	-2549
26.4	Addition in Stock of - Total	2604	2162	1053	4705	5734	15580	2584
27	Gross Capital Formation	3206	8055	2697	12491	15004	44018	15013
28	Net Income	12082	38286	19657	57575	40631	94871	134837
29	Profit	2637	5480	8345	13433	16038	31995	47522

Table T.2: Estimate of Selected Characteristics of factory sector of Kerala**(Values in ₹ lakh otherwise mentioned)**

Sl.No.	Characteristic	Ernakulam	Idukki	Kottayan	Alappuzha	Pathanamthitta	Kollam	Thiruvananthapuram	Total
1	No. of Factories (Nos.)	1590	162	466	646	221	1088	365	7972
2	Factories in Operation (Nos.)	1376	156	436	546	203	873	320	6957
3	Fixed Capital	4287248	78949	181581	187547	58017	165192	131543	5817077
4	Physical Working Capital	1321616	28516	79521	147785	23153	143711	66246	2215662
5	Working Capital	814353	65216	139429	62102	25787	-82184	212001	1529079
6	Invested Capital	5608864	107465	261102	335332	81170	308903	197789	8032739
7	Gross Value of Additions to Fixed Capital	924231	6013	27381	32585	5256	18829	14315	1109172
8	Rent Paid	2063	5	78	119	360	570	341	4993
9	Outstanding Loan	492330	17371	57983	89017	36118	113494	114304	1274259
10	Interest Paid	88599	2487	9417	15520	3762	19053	6459	190198
11	Rent Received	579	0	0	0	0	8	0	622
12	Interest Received	30538	325	3284	3777	535	3055	793	47501
13	Gross Value of P&M	2361416	50855	168025	76268	40785	44448	66931	3261600
14	Value of Products & By-products	7791231	264098	612556	791086	146967	594410	281267	12888107
15	Other Output	340140	19694	225669	68776	30985	207794	101098	1539384
16	Total Output	8131371	283792	838225	859862	177952	802204	382365	14427491
17	Fuels Consumed	456050	10290	22556	17892	5861	27519	15005	659942
18	Material Consumed for Manufacturing	5908891	150233	457039	644270	97035	438455	168598	9708347
19	Other Input	587768	37152	172061	85924	31085	208177	98136	1713022
20	Total Input	6952709	197675	651656	748086	133981	674151	281739	12081298
21	Gross Value Added (GVA)	1178662	86117	186569	111776	43971	128053	100626	2346193
22	Depreciation	235354	7071	24562	15879	6047	11676	13548	380261
23	Net Value Added (NVA)	943308	79046	162007	95897	37924	116377	87078	1965932
24	Net Fixed Capital Formation	225196	-2311	-10254	13554	-2088	-4380	-283	219372
25	Gross Fixed Capital Formation	460550	4760	14308	29433	3959	7296	13265	599633
26.1	Addition in Stock of-Materials, Fuels etc.	170521	785	12441	10602	315	4995	6176	235139
26.2	Addition in Stock of-Semi Finished Goods	84977	-473	911	719	3972	-132	-125	90338
26.3	Addition in Stock of - Finished Goods	84729	424	-1763	7203	1166	3469	-1647	98210
26.4	Addition in Stock of - Total	340227	736	11589	18524	5453	8332	4404	423687
27	Gross Capital Formation	800777	5496	25897	47957	9412	15628	17669	1023320
28	Net Income	852646	76554	152513	80258	33800	96754	80279	1770743
29	Profit	454429	49688	67202	18790	14003	9991	6586	746139

Table T.3: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl. No.	Characteristic	10	11	12	13	14	15	16	17	18
1	No. of Factories (Nos.)	1715	80	483	421	60	200	865	143	150
2	Factories in Operation (Nos.)	1537	75	300	370	56	190	759	127	147
3	Fixed Capital	557171	28123	2613	121375	25154	23813	57434	8539	109562
4	Physical Working Capital	494398	12489	556	60241	24460	28740	43130	4740	11051
5	Working Capital	198989	15349	-1449	-29026	48910	10462	-69332	7764	89887
6	Invested Capital	1051569	40612	3169	181616	49614	52553	100564	13279	120613
7	Gross Value of Additions to Fixed Capital	75777	3301	23	11012	2303	3021	11491	1772	3120
8	Rent Paid	847	18	0	14	0	5	13	35	3
9	Outstanding Loan	303518	8702	625	147331	4974	9644	51815	4886	32297
10	Interest Paid	47523	1178	155	16077	1140	1498	5113	594	4932
11	Rent Received	8	0	0	0	0	0	0	0	0
12	Interest Received	5926	351	1	1574	780	56	187	135	2475
13	Gross Value of P&M	267204	27388	0	101980	22435	17499	19438	5840	102059
14	Value of Products & By-products	2917610	101435	1614	256974	80233	159833	236431	34060	78843
15	Other Output	488223	8180	9034	29478	8884	8754	8519	796	69172
16	Total Output	3405833	109615	10648	286452	89117	168587	244950	34856	148015
17	Fuels Consumed	64833	3462	13	12877	2716	2492	9332	2156	2841
18	Material Consumed for Manufacturing	2377825	71820	1141	174587	38992	82738	184631	23089	38474
19	Other Input	508962	14162	1464	39458	11391	39743	15268	3139	35077
20	Total Input	2951620	89444	2618	226922	53099	124973	209231	28381	76392
21	Gross Value Added (GVA)	454213	20171	8030	59530	36018	43614	35719	6475	71623
22	Depreciation	48592	2516	140	9370	3236	3868	6390	965	16725
23	Net Value Added (NVA)	405621	17655	7890	50160	32782	39746	29329	5510	54898
24	Net Fixed Capital Formation	9552	3748	-305	269	-1316	-1670	3954	855	-13772
25	Gross Fixed Capital Formation	58144	6264	-165	9639	1920	2198	10344	1820	2953
26.1	Addition in Stock of - Materials, Fuels etc.	55403	671	-1	3703	-464	3282	-1976	593	-4135
26.2	Addition in Stock of - Semi Finished Goods	3968	90	0	836	383	1703	297	-66	17
26.3	Addition in Stock of - Finished Goods	19011	-407	334	-297	868	64	84	-226	-31
26.4	Addition in Stock of - Total	78382	354	333	4242	787	5049	-1595	301	-4149
27	Gross Capital Formation	136526	6618	168	13881	2707	7247	8749	2121	-1196
28	Net Income	357251	16459	7735	34069	31642	38244	24203	4881	49963
29	Profit	139252	8676	-414	-9621	15411	23993	7740	-531	7405

Table T.3: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	19	20	21	22	23	24	25	26	27
1	No. of Factories (Nos.)	26	169	164	681	947	120	222	45	104
2	Factories in Operation (Nos.)	25	159	146	614	752	113	205	40	101
3	Fixed Capital	3355316	173162	55361	301510	240080	159445	41589	51068	20548
4	Physical Working Capital	713969	171003	43610	124870	55691	79919	36798	69428	40631
5	Working Capital	68452	147212	64025	271485	63075	22454	24143	86421	14586
6	Invested Capital	4069285	344165	98971	426380	295771	239364	78387	120496	61179
7	Gross Value of Additions to Fixed Capital	778159	31922	11726	48827	32905	8503	9652	8086	7856
8	Rent Paid	14	303	0	184	1438	42	95	157	580
9	Outstanding Loan	7417	219508	29134	106574	109704	32488	25909	3328	17344
10	Interest Paid	2635	30048	3183	11566	10937	5588	3782	3399	4401
11	Rent Received	0	0	0	0	35	0	0	492	0
12	Interest Received	1339	13533	2120	2437	1769	553	306	357	604
13	Gross Value of P&M	1657173	274656	23689	192672	88692	73289	32471	74601	32218
14	Value of Products & By-products	4345547	907335	160317	1129808	491357	456463	215008	256971	134904
15	Other Output	37853	39788	14582	153632	19730	34471	10794	31585	19732
16	Total Output	4383400	947123	174899	1283440	511087	490934	225802	288556	154636
17	Fuels Consumed	334957	68510	5712	41779	46113	33173	4702	2949	3452
18	Material Consumed for Manufacturing	3627353	469092	101582	830766	228963	364362	179138	177492	92734
19	Other Input	117346	98523	27185	166092	84988	40716	13734	42103	26098
20	Total Input	4079656	636125	134479	1038631	360060	438251	197574	222544	122284
21	Gross Value Added (GVA)	303744	310998	40420	244809	151027	52683	28228	66012	32352
22	Depreciation	154300	15674	4762	24121	31038	5781	6455	5967	3565
23	Net Value Added (NVA)	149444	295324	35658	220688	119989	46902	21773	60045	28787
24	Net Fixed Capital Formation	170527	3832	5879	10851	80	471	3528	673	3506
25	Gross Fixed Capital Formation	324827	19506	10641	34972	31118	6252	9983	6640	7071
26.1	Addition in Stock of - Materials, Fuels etc.	134811	23376	3347	15616	6053	-1616	1098	357	3883
26.2	Addition in Stock of - Semi Finished Goods	70136	4081	3822	1336	-210	-39	639	-3	1643
26.3	Addition in Stock of - Finished Goods	108603	-28998	537	-1930	-2695	-1048	1131	1128	-2934
26.4	Addition in Stock of - Total	313550	-1541	7706	15022	3148	-2703	2868	1482	2592
27	Gross Capital Formation	638377	17965	18347	49994	34266	3549	12851	8122	9663
28	Net Income	146795	264972	32475	208938	107616	41276	17894	56489	23805
29	Profit	73042	162120	1377	101211	42907	23501	1219	17633	-3595

contd...

Table T.3: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008)

(Values in ₹ lakh unless otherwise mentioned)											
Sl.No.	Characteristic	28	29	30	31	32	33	38	58	Others	Total
1	No. of Factories (Nos.)	97	13	24	160	99	42	4	25	913	7972
2	Factories in Operation (Nos.)	91	13	24	150	94	42	4	23	800	6957
3	Fixed Capital	15466	1499	189189	10428	20343	29247	5309	33427	180306	5817077
4	Physical Working Capital	21831	1361	55000	13526	27971	18963	645	5943	54698	2215662
5	Working Capital	38874	-447	227743	9108	108875	19597	2516	-857	90263	1529079
6	Invested Capital	37297	2860	244189	23954	48314	48210	5954	39370	235004	8032739
7	Gross Value of Additions to Fixed Capital	1713	385	34881	1075	3903	5105	2850	2517	7287	1109172
8	Rent Paid	56	3	1	7	71	0	0	8	1099	4993
9	Outstanding Loan	6973	747	22556	13692	15863	6753	973	7171	84333	1274259
10	Interest Paid	1686	109	5458	1100	15798	1583	4	2790	7921	190198
11	Rent Received	54	0	33	0	0	0	0	0	0	622
12	Interest Received	302	17	10780	44	500	246	125	446	538	47501
13	Gross Value of P&M	15162	542	31733	5113	13986	1246	317	56248	123949	3261600
14	Value of Products & By-products	73221	2572	277049	30318	323863	80170	1293	28934	105944	12888107
15	Other Output	5105	1198	53136	9405	31797	8265	5651	21074	410546	1539384
16	Total Output	78326	3770	330185	39723	355660	88435	6944	50008	516490	14427491
17	Fuels Consumed	1177	70	3979	1230	1202	1346	91	1166	7612	659942
18	Material Consumed for Manufacturing	42671	1911	128471	19818	291869	23141	19	14567	121101	9708347
19	Other Input	9036	1011	65846	10259	14086	40696	5623	7015	274001	1713022
20	Total Input	52884	2992	198296	31307	307157	65183	5733	22748	402714	12081298
21	Gross Value Added (GVA)	25442	778	131889	8416	48503	23252	1211	27260	113776	2346193
22	Depreciation	1906	188	5963	972	2835	2436	388	6752	15356	380261
23	Net Value Added (NVA)	23536	590	125926	7444	45668	20816	823	20508	98420	1965932
24	Net Fixed Capital Formation	-193	175	29036	-599	144	2414	2457	-4307	-10417	219372
25	Gross Fixed Capital Formation	1713	363	34999	373	2979	4850	2845	2445	4939	599633
26.1	Addition in Stock of – Materials, Fuels etc.	-582	-24	11563	-682	-17336	1078	44	3	-2926	235139
26.2	Addition in Stock of – Semi Finished Goods	88	37	-167	102	570	452	0	0	623	90338
26.3	Addition in Stock of – Finished Goods	-1112	109	285	-1914	1582	2211	0	0	3855	98210
26.4	Addition in Stock of – Total	-1606	122	11681	-2494	-15184	3741	44	3	1552	423687
27	Gross Capital Formation	107	485	46680	-2121	-12205	8591	2889	2448	6491	1023320
28	Net Income	21794	478	120467	6336	29799	19233	819	17710	89400	1770743
29	Profit	4632	-309	77999	-274	13852	9589	462	2640	26222	746139

Table T.4: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008)

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	101	102	103	104	105	106	107	108	110
1	No. of Factories (Nos.)	4	168	64	80	92	166	1120	21	80
2	Factories in Operation (Nos.)	4	157	56	71	90	147	991	21	75
3	Fixed Capital	5479	109667	6516	24597	54224	58131	282915	15642	28123
4	Physical Working Capital	275	122280	2792	34938	17409	65565	238877	12262	12489
5	Working Capital	-2268	49709	4832	40971	3861	59322	41540	1022	15349
6	Invested Capital	5754	231947	9308	59535	71633	123696	521792	27904	40612
7	Gross Value of Additions to Fixed Capital	157	15613	1165	3307	6240	10532	32930	5833	3301
8	Rent Paid	0	17	0	0	0	41	789	0	18
9	Outstanding Loan	2739	63367	5497	26447	25674	29500	144973	5321	8702
10	Interest Paid	356	11051	445	2442	1426	4822	26344	637	1178
11	Rent Received	0	0	0	0	0	0	8	0	0
12	Interest Received	2	1860	39	726	193	501	2534	71	351
13	Gross Value of P&M	745	46680	417	14270	37785	31515	118959	16833	27388
14	Value of Products & By-products	2300	571196	41083	255108	400869	289206	1226847	131001	101435
15	Other Output	546	33828	7049	37673	46602	185165	167097	10263	8180
16	Total Output	2846	605024	48132	292781	447471	474371	1393944	141264	109615
17	Fuels Consumed	159	13910	649	4073	7484	10832	25501	2225	3462
18	Material Consumed for Manufacturing	2102	500423	16725	229209	342558	291783	889975	105050	71820
19	Other Input	672	40812	6800	39395	57414	125027	229307	9535	14162
20	Total Input	2933	555145	24174	272677	407456	427642	1144783	116810	89444
21	Gross Value Added (GVA)	-87	49879	23958	20104	40015	46729	249161	24454	20171
22	Depreciation	266	8931	866	2349	6492	5856	22235	1597	2516
23	Net Value Added (NVA)	-353	40948	23092	17755	33523	40873	226926	22857	17655
24	Net Fixed Capital Formation	-109	5912	217	300	-1195	2102	5201	-2876	3748
25	Gross Fixed Capital Formation	157	14843	1083	2649	5297	7958	27436	-1279	6264
26.1	Addition in Stock of – Materials, Fuels etc.	-8	10654	-336	5831	387	17103	16145	5627	671
26.2	Addition in Stock of – Semi Finished Goods	-1	238	187	576	-170	-9	3123	24	90
26.3	Addition in Stock of – Finished Goods	-31	-1595	-25	844	2052	3187	13758	821	-407
26.4	Addition in Stock of – Total	-40	9297	-174	7251	2269	20281	33026	6472	354
27	Gross Capital Formation	117	24140	909	9900	7566	28239	60462	5193	6618
28	Net Income	-709	29880	22647	15313	32097	36010	199793	22220	16459
29	Profit	-1358	5576	20407	6675	9508	14909	71105	12430	8676

Table T.4: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008)

(Values in ₹ lakh unless otherwise mentioned)										
Sl.No.	Characteristic	120	131	139	141	143	151	152	161	162
1	No. of Factories (Nos.)	483	195	226	53	7	7	193	250	615
2	Factories in Operation (Nos.)	300	180	190	49	7	4	186	214	545
3	Fixed Capital	2613	89553	31822	24539	615	279	23534	6108	51326
4	Physical Working Capital	556	29798	30443	23683	777	312	28428	9048	34082
5	Working Capital	-1449	-68196	39170	48333	577	1803	8659	6727	-76059
6	Invested Capital	3169	119351	62265	48222	1392	591	51962	15156	85408
7	Gross Value of Additions to Fixed Capital	23	5908	5104	2271	32	17	3004	312	11179
8	Rent Paid	0	0	14	0	0	0	5	0	13
9	Outstanding Loan	625	131123	16208	4779	195	871	8773	1300	50515
10	Interest Paid	155	13901	2176	1050	90	16	1482	380	4733
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	1	327	1247	779	1	0	56	7	180
13	Gross Value of P&M	0	81811	20169	22166	269	0	17499	38	19400
14	Value of Products & By-products	1614	71718	185256	76736	3497	1134	158699	19092	217339
15	Other Output	9034	14287	15191	8722	162	125	8629	1728	6791
16	Total Output	10648	86005	200447	85458	3659	1259	167328	20820	224130
17	Fuels Consumed	13	9825	3052	2698	18	21	2471	440	8892
18	Material Consumed for Manufacturing	1141	43475	131112	37341	1651	960	81778	15401	169230
19	Other Input	1464	7888	31570	10453	938	169	39574	1345	13923
20	Total Input	2618	61188	165734	50492	2607	1150	123823	17186	192045
21	Gross Value Added (GVA)	8030	24817	34713	34966	1052	109	43505	3634	32085
22	Depreciation	140	6049	3321	3170	66	34	3834	384	6006
23	Net Value Added (NVA)	7890	18768	31392	31796	986	75	39671	3250	26079
24	Net Fixed Capital Formation	-305	-826	1095	-1282	-34	-17	-1653	-124	4078
25	Gross Fixed Capital Formation	-165	5223	4416	1888	32	17	2181	260	10084
26.1	Addition in Stock of – Materials, Fuels etc.	-1	928	2775	64	-528	-35	3317	-1242	-734
26.2	Addition in Stock of – Semi Finished Goods	0	133	703	370	13	0	1703	-9	306
26.3	Addition in Stock of – Finished Goods	334	-2079	1782	872	-4	15	49	-210	294
26.4	Addition in Stock of – Total	333	-1018	5260	1306	-519	-20	5069	-1461	-134
27	Gross Capital Formation	168	4205	9676	3194	-487	-3	7250	-1201	9950
28	Net Income	7735	4867	29202	30746	896	59	38185	2870	21333
29	Profit	-414	-20337	10716	15108	303	-44	24037	598	7142

Table T.4: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008)

(Values in ₹ lakh unless otherwise mentioned)										
Sl.No.	Characteristic	170	181	191	192	201	202	203	210	221
1	No. of Factories (Nos.)	143	150	5	21	66	102	1	164	377
2	Factories in Operation (Nos.)	127	147	5	20	57	101	1	146	332
3	Fixed Capital	8539	109562	1945	3353371	110370	62786	6	55361	199621
4	Physical Working Capital	4740	11051	1634	712335	83532	87471	0	43610	75921
5	Working Capital	7764	89887	1172	67280	31640	115549	23	64025	168493
6	Invested Capital	13279	120613	3579	4065706	193902	150257	6	98971	275542
7	Gross Value of Additions to Fixed Capital	1772	3120	132	778027	18299	13623	0	11726	33406
8	Rent Paid	35	3	0	14	303	0	0	0	124
9	Outstanding Loan	4886	32297	622	6795	191085	28423	0	29134	45730
10	Interest Paid	594	4932	305	2330	25939	4109	0	3183	6816
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	135	2475	31	1308	12245	1287	1	2120	2052
13	Gross Value of P&M	5840	102059	2900	1654273	218431	56225	0	23689	150728
14	Value of Products & By-products	34060	78843	11839	4333708	511662	395673	0	160317	804031
15	Other Output	796	69172	839	37014	13167	26573	48	14582	123919
16	Total Output	34856	148015	12678	4370722	524829	422246	48	174899	927950
17	Fuels Consumed	2156	2841	235	334722	60966	7543	1	5712	28454
18	Material Consumed for Manufacturing	23089	38474	9869	3617484	254252	214840	0	101582	609534
19	Other Input	3139	35077	1017	116329	51095	47425	3	27185	120788
20	Total Input	28381	76392	11121	4068535	366313	269808	4	134479	758776
21	Gross Value Added (GVA)	6475	71623	1557	302187	158516	152438	44	40420	169174
22	Depreciation	965	16725	167	154133	8387	7287	0	4762	13201
23	Net Value Added (NVA)	5510	54898	1390	148054	150129	145151	44	35658	155973
24	Net Fixed Capital Formation	855	-13772	-116	170643	230	3602	0	5879	7567
25	Gross Fixed Capital Formation	1820	2953	51	324776	8617	10889	0	10641	20768
26.1	Addition in Stock of – Materials, Fuels etc.	593	-4135	-55	134866	3708	19668	0	3347	11054
26.2	Addition in Stock of – Semi Finished Goods	-66	17	0	70136	2352	1729	0	3822	1103
26.3	Addition in Stock of – Finished Goods	-226	-31	51	108552	-20872	-8126	0	537	-2759
26.4	Addition in Stock of – Total	301	-4149	-4	313554	-14812	13271	0	7706	9398
27	Gross Capital Formation	2121	-1196	47	638330	-6195	24160	0	18347	30166
28	Net Income	4881	49963	1085	145710	123887	141041	44	32475	149032
29	Profit	-531	7405	-38	73080	51430	110646	44	1377	77011

Table T.4: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008)

(Values in ₹ lakh unless otherwise mentioned)											
Sl.No.	Characteristic	222	231	239	241	242	243	251	252	259	261
1	No. of Factories (Nos.)	304	11	936	72	13	35	78	1	143	24
2	Factories in Operation (Nos.)	282	11	741	69	13	31	67	1	137	19
3	Fixed Capital	101889	5629	234451	31051	34795	93599	28134	181	13274	30534
4	Physical Working Capital	48949	2086	53605	36115	28667	15137	18949	40	17809	46444
5	Working Capital	102992	723	62352	-3382	17510	8326	10074	22	14047	53246
6	Invested Capital	150838	7715	288056	67166	63462	108736	47083	221	31083	76978
7	Gross Value of Additions to Fixed Capital	15421	1022	31883	4542	390	3571	7327	18	2307	6857
8	Rent Paid	60	0	1438	17	2	23	89	0	6	152
9	Outstanding Loan	60844	3410	106294	17164	3705	11619	17538	156	8215	1795
10	Interest Paid	4750	505	10432	2013	1957	1618	2380	14	1388	2040
11	Rent Received	0	0	35	0	0	0	0	0	0	492
12	Interest Received	385	57	1712	369	68	116	91	0	215	294
13	Gross Value of P&M	41944	1838	86854	32163	27882	13244	24557	0	7914	56413
14	Value of Products & By-products	325777	12878	478479	271139	51146	134178	136445	294	78269	209339
15	Other Output	29713	536	19194	31234	750	2487	6240	0	4554	14408
16	Total Output	355490	13414	497673	302373	51896	136665	142685	294	82823	223747
17	Fuels Consumed	13325	1084	45029	21709	7959	3505	2433	18	2251	2546
18	Material Consumed for Manufacturing	221232	7923	221040	234900	31734	97728	117711	225	61202	144945
19	Other Input	45304	725	84263	29308	3177	8231	7522	8	6204	25096
20	Total Input	279855	9732	350328	285917	42870	109464	127666	251	69657	172587
21	Gross Value Added (GVA)	75635	3682	147345	16456	9026	27201	15019	43	13166	51160
22	Depreciation	10920	1004	30034	2489	1639	1653	4880	23	1552	4104
23	Net Value Added (NVA)	64715	2678	117311	13967	7387	25548	10139	20	11614	47056
24	Net Fixed Capital Formation	3284	-11	91	1350	-1682	803	2846	-5	687	1340
25	Gross Fixed Capital Formation	14204	993	30125	3839	-43	2456	7726	18	2239	5444
26.1	Addition in Stock of – Materials, Fuels etc.	4562	-75	6128	247	-1804	-59	1472	2	-376	-3319
26.2	Addition in Stock of – Semi Finished Goods	233	1	-211	0	-509	470	608	0	31	307
26.3	Addition in Stock of – Finished Goods	829	-71	-2624	923	-343	-1628	413	0	718	-1442
26.4	Addition in Stock of – Total	5624	-145	3293	1170	-2656	-1217	2493	2	373	-4454
27	Gross Capital Formation	19828	848	33418	5009	-2699	1239	10219	20	2612	990
28	Net Income	59906	2173	105443	11939	5428	23909	7670	6	10218	44864
29	Profit	24200	476	42431	6590	661	16250	-1612	-15	2846	17285

Table T.4: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008)

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	262	263	264	265	266	267	271	272	273
1	No. of Factories (Nos.)	4	5	3	4	4	1	54	17	14
2	Factories in Operation (Nos.)	4	5	3	4	4	1	52	16	14
3	Fixed Capital	986	17226	113	358	1442	409	15068	879	2800
4	Physical Working Capital	1521	11312	413	1028	8610	100	32340	2321	3599
5	Working Capital	4318	20034	378	1536	6473	436	18699	508	-6605
6	Invested Capital	2507	28538	526	1386	10052	509	47408	3200	6399
7	Gross Value of Additions to Fixed Capital	194	880	4	38	68	45	6627	211	503
8	Rent Paid	5	0	0	0	0	0	554	0	0
9	Outstanding Loan	519	592	209	46	129	38	11996	924	3348
10	Interest Paid	156	1082	29	38	37	17	2465	146	1561
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	5	16	1	9	29	3	567	0	35
13	Gross Value of P&M	382	15285	199	456	1571	295	22776	195	7857
14	Value of Products & By-products	2914	22024	1216	2625	17154	1699	98520	5943	21739
15	Other Output	8786	5819	261	1298	953	60	18766	117	75
16	Total Output	11700	27843	1477	3923	18107	1759	117286	6060	21814
17	Fuels Consumed	48	246	3	21	71	14	2851	194	292
18	Material Consumed for Manufacturing	2347	15997	404	1504	11904	391	63432	4983	18562
19	Other Input	7587	4550	235	840	3609	186	23385	303	737
20	Total Input	9982	20793	642	2365	15584	591	89668	5480	19591
21	Gross Value Added (GVA)	1718	7050	835	1558	2523	1168	27618	580	2223
22	Depreciation	136	1412	17	39	205	54	2930	109	355
23	Net Value Added (NVA)	1582	5638	818	1519	2318	1114	24688	471	1868
24	Net Fixed Capital Formation	-32	-526	-12	-1	-97	1	2948	73	148
25	Gross Fixed Capital Formation	104	886	5	38	108	55	5878	182	503
26.1	Addition in Stock of – Materials, Fuels etc.	295	1703	38	132	1533	-25	3149	636	-118
26.2	Addition in Stock of – Semi Finished Goods	-1	-332	-29	-1	53	0	1435	165	49
26.3	Addition in Stock of – Finished Goods	86	1511	-9	-81	1014	49	-2241	-160	-696
26.4	Addition in Stock of – Total	380	2882	0	50	2600	24	2343	641	-765
27	Gross Capital Formation	484	3768	5	88	2708	79	8221	823	-262
28	Net Income	1421	4556	789	1481	2281	1097	21668	325	307
29	Profit	141	-1321	209	343	755	221	-618	-219	-2976

Table T.4: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008)

(Values in ₹ lakh unless otherwise mentioned)										
Sl.No.	Characteristic	274	275	279	281	282	291	292	293	301
1	No. of Factories (Nos.)	6	3	10	33	64	1	7	5	18
2	Factories in Operation (Nos.)	6	3	10	31	60	1	7	5	18
3	Fixed Capital	310	211	1280	7561	7905	40	360	1099	185253
4	Physical Working Capital	1291	90	990	10359	11472	171	745	445	49103
5	Working Capital	2246	126	-388	19881	18993	43	-193	-297	221851
6	Invested Capital	1601	301	2270	17920	19377	211	1105	1544	234356
7	Gross Value of Additions to Fixed Capital	60	2	453	854	859	0	100	285	34587
8	Rent Paid	25	1	0	23	33	2	1	0	1
9	Outstanding Loan	930	3	143	1931	5042	44	232	471	14760
10	Interest Paid	148	0	81	214	1472	2	47	60	5368
11	Rent Received	0	0	0	0	54	0	0	0	33
12	Interest Received	0	1	1	214	88	0	0	17	10695
13	Gross Value of P&M	129	60	1201	7154	8008	0	172	370	24215
14	Value of Products & By-products	3986	215	4501	32191	41030	79	605	1888	272595
15	Other Output	214	139	421	2508	2597	0	464	734	49092
16	Total Output	4200	354	4922	34699	43627	79	1069	2622	321687
17	Fuels Consumed	37	11	67	379	798	1	25	44	3717
18	Material Consumed for Manufacturing	2712	222	2823	16953	25718	51	487	1373	127153
19	Other Input	951	29	693	5478	3558	2	253	756	64382
20	Total Input	3700	262	3583	22810	30074	54	765	2173	195252
21	Gross Value Added (GVA)	500	92	1339	11889	13553	25	304	449	126435
22	Depreciation	40	10	121	1002	904	2	64	122	5491
23	Net Value Added (NVA)	460	82	1218	10887	12649	23	240	327	120944
24	Net Fixed Capital Formation	20	-8	325	-5	-188	-2	36	141	29095
25	Gross Fixed Capital Formation	60	2	446	997	716	0	100	263	34586
26.1	Addition in Stock of – Materials, Fuels etc.	42	-12	186	-85	-497	0	17	-41	11880
26.2	Addition in Stock of - Semi Finished Goods	0	-4	-2	-570	658	21	20	-4	444
26.3	Addition in Stock of - Finished Goods	117	2	44	-354	-758	-5	1	113	261
26.4	Addition in Stock of - Total	159	-14	228	-1009	-597	16	38	68	12585
27	Gross Capital Formation	219	-12	674	-12	119	16	138	331	47171
28	Net Income	287	81	1137	10650	11144	19	192	267	115575
29	Profit	29	-45	234	4170	462	8	-164	-153	77764

Table T.4: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008)

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	303	309	310	321	322	323	324	325	329
1	No. of Factories (Nos.)	5	1	160	26	1	2	2	52	16
2	Factories in Operation (Nos.)	5	1	150	25	1	2	2	48	16
3	Fixed Capital	3279	657	10428	1955	7	148	95	14560	3578
4	Physical Working Capital	5518	379	13526	6502	14	77	108	10034	11236
5	Working Capital	7445	-1553	9108	87102	150	286	-95	6897	14535
6	Invested Capital	8797	1036	23954	8457	21	225	203	24594	14814
7	Gross Value of Additions to Fixed Capital	100	194	1075	233	0	10	2	2861	797
8	Rent Paid	0	0	7	0	2	0	0	66	3
9	Outstanding Loan	1435	6361	13692	3803	0	34	0	8334	3692
10	Interest Paid	90	0	1100	13891	0	4	0	1407	496
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	85	0	44	97	7	15	1	236	144
13	Gross Value of P&M	7518	0	5113	293	91	171	89	13095	247
14	Value of Products & By-products	4077	377	30318	269159	52	555	721	35598	17778
15	Other Output	4021	23	9405	23768	1	31	43	5497	2457
16	Total Output	8098	400	39723	292927	53	586	764	41095	20235
17	Fuels Consumed	248	14	1230	123	2	21	13	780	263
18	Material Consumed for Manufacturing	1026	292	19818	263867	19	246	362	14253	13122
19	Other Input	1414	50	10259	2015	4	93	93	7698	4183
20	Total Input	2688	356	31307	266005	25	360	468	22731	17568
21	Gross Value Added (GVA)	5410	44	8416	26922	28	226	296	18364	2667
22	Depreciation	407	65	972	209	2	21	15	2245	343
23	Net Value Added (NVA)	5003	-21	7444	26713	26	205	281	16119	2324
24	Net Fixed Capital Formation	-200	141	-599	19	-2	-12	-12	-301	452
25	Gross Fixed Capital Formation	207	206	373	228	0	9	3	1944	795
26.1	Addition in Stock of-Materials, Fuels etc.	-340	23	-682	-19240	-1	-4	-52	36	1925
26.2	Addition in Stock of-Semi Finished Goods	-583	-28	102	216	0	2	1	169	182
26.3	Addition in Stock of – Finished Goods	0	24	-1914	198	-2	-25	12	426	973
26.4	Addition in Stock of – Total	-923	19	-2494	-18826	-3	-27	-39	631	3080
27	Gross Capital Formation	-716	225	-2121	-18598	-3	-18	-36	2575	3875
28	Net Income	4913	-21	6336	12822	24	201	281	14646	1825
29	Profit	640	-405	-274	10973	-5	26	37	1915	906

Table T.4: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	331	332	381	382	383	581	Others	Total
1	No. of Factories (Nos.)	18	24	1	2	1	25	913	7972
2	Factories in Operation (Nos.)	18	24	1	2	1	23	800	6957
3	Fixed Capital	1023	28224	2916	2381	12	33427	180306	5817077
4	Physical Working Capital	149	18814	645	0	0	5943	54698	2215662
5	Working Capital	696	18901	968	1548	0	-857	90263	1529079
6	Invested Capital	1172	47038	3561	2381	12	39370	235004	8032739
7	Gross Value of Additions to Fixed Capital	23	5082	1766	1084	0	2517	7287	1109172
8	Rent Paid	0	0	0	0	0	8	1099	4993
9	Outstanding Loan	292	6461	723	250	0	7171	84333	1274259
10	Interest Paid	28	1555	4	0	0	2790	7921	190198
11	Rent Received	0	0	0	0	0	0	0	622
12	Interest Received	1	245	88	37	0	446	538	47501
13	Gross Value of P&M	214	1032	317	0	0	56248	123949	3261600
14	Value of Products & By-products	120	80050	1283	10	0	28934	105944	12888107
15	Other Output	6929	1336	1178	4439	34	21074	410546	1539384
16	Total Output	7049	81386	2461	4449	34	50008	516490	14427491
17	Fuels Consumed	210	1136	77	12	2	1166	7612	659942
18	Material Consumed for Manufacturing	968	22173	18	1	0	14567	121101	9708347
19	Other Input	3082	37614	1886	3714	23	7015	274001	1713022
20	Total Input	4260	60923	1981	3727	25	22748	402714	12081298
21	Gross Value Added (GVA)	2789	20463	480	722	9	27260	113776	2346193
22	Depreciation	120	2316	104	283	1	6752	15356	380261
23	Net Value Added (NVA)	2669	18147	376	439	8	20508	98420	1965932
24	Net Fixed Capital Formation	-171	2585	1657	801	-1	-4307	-10417	219372
25	Gross Fixed Capital Formation	-51	4901	1761	1084	0	2445	4939	599633
26.1	Addition in Stock of – Materials, Fuels etc.	-207	1285	44	0	0	3	-2926	235139
26.2	Addition in Stock of - Semi Finished Goods	0	452	0	0	0	0	623	90338
26.3	Addition in Stock of - Finished Goods	0	2211	0	0	0	0	3855	98210
26.4	Addition in Stock of - Total	-207	3948	44	0	0	3	1552	423687
27	Gross Capital Formation	-258	8849	1805	1084	0	2448	6491	1023320
28	Net Income	2641	16592	372	439	8	17710	89400	1770743
29	Profit	-754	10343	74	386	2	2640	26222	746139

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	1010	1020	1030	1040	1050	1061	1062	1071	1074	1075	1079
1	No. of Factories (Nos.)	4	168	64	80	92	164	2	141	7	10	962
2	Factories in Operation (Nos.)	4	157	56	71	90	145	2	136	7	10	838
3	Fixed Capital	5479	109667	6516	24597	54224	58057	74	25537	363	4527	252488
4	Physical Working Capital	275	122280	2792	34938	17409	65518	47	7771	83	144	230879
5	Working Capital	-2268	49709	4832	40971	3861	59448	-126	4881	358	490	35811
6	Invested Capital	5754	231947	9308	59535	71633	123575	121	33308	446	4671	483367
7	Gross Value of Additions to Fixed Capital	157	15613	1165	3307	6240	10492	40	3686	39	0	29205
8	Rent Paid	0	17	0	0	0	41	0	284	0	0	505
9	Outstanding Loan	2739	63367	5497	26447	25674	29497	3	17625	0	2067	125281
10	Interest Paid	356	11051	445	2442	1426	4822	0	701	0	64	25579
11	Rent Received	0	0	0	0	0	0	0	0	0	0	8
12	Interest Received	2	1860	39	726	193	500	1	113	0	51	2370
13	Gross Value of P&M	745	46680	417	14270	37785	31515	0	5718	0	3410	109831
14	Value of Products & By-products	2300	571196	41083	255108	400869	287277	1929	92250	1233	2469	1130895
15	Other Output	546	33828	7049	37673	46602	185156	9	9955	0	500	156642
16	Total Output	2846	605024	48132	292781	447471	472433	1938	102205	1233	2969	1287537
17	Fuels Consumed	159	13910	649	4073	7484	10774	58	3990	101	308	21102
18	Material Consumed for Manufacturing	2102	500423	16725	229209	342558	290666	1117	59696	714	945	828620
19	Other Input	672	40812	6800	39395	57414	124741	286	17281	47	973	211006
20	Total Input	2933	555145	24174	272677	407456	426181	1461	80967	862	2226	1060728
21	Gross Value Added (GVA)	-87	49879	23958	20104	40015	46252	477	21238	371	743	226809
22	Depreciation	266	8931	866	2349	6492	5851	5	3955	37	602	17641
23	Net Value Added (NVA)	-353	40948	23092	17755	33523	40401	472	17283	334	141	209168
24	Net Fixed Capital Formation	-109	5912	217	300	-1195	2071	31	-364	2	-741	6304
25	Gross Fixed Capital Formation	157	14843	1083	2649	5297	7922	36	3591	39	-139	23945
26.1	Addition in Stock of – Materials, Fuels etc.	-8	10654	-336	5831	387	17056	47	-271	-50	-20	16486
26.2	Addition in Stock of - Semi Finished Goods	-1	238	187	576	-170	-9	0	443	0	0	2680
26.3	Addition in Stock of - Finished Goods	-31	-1595	-25	844	2052	3187	0	-77	-28	0	13863
26.4	Addition in Stock of - Total	-40	9297	-174	7251	2269	20234	47	95	-78	-20	33029
27	Gross Capital Formation	117	24140	909	9900	7566	28156	83	3686	-39	-159	56974
28	Net Income	-709	29880	22647	15313	32097	35538	472	16299	334	77	183083
29	Profit	-1358	5576	20407	6675	9508	14903	6	769	71	-1104	71369

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	1080	1101	1103	1104	1200	1311	1312	1313	1391	1392	1393
1	No. of Factories (Nos.)	21	14	3	63	483	99	84	12	1	13	176
2	Factories in Operation (Nos.)	21	14	3	58	300	84	84	12	1	13	141
3	Fixed Capital	15642	8687	6590	12846	2613	69999	15944	3610	271	2173	25258
4	Physical Working Capital	12262	5241	1539	5709	556	19015	9986	797	240	975	28524
5	Working Capital	1022	10043	-435	5741	-1449	-76396	-184	8384	-50	3010	35247
6	Invested Capital	27904	13928	8129	18555	3169	89014	25930	4407	511	3148	53782
7	Gross Value of Additions to Fixed Capital	5833	1044	132	2125	23	3574	1921	413	4	578	4205
8	Rent Paid	0	18	0	0	0	0	0	0	0	0	13
9	Outstanding Loan	5321	4057	0	4645	625	125299	2158	3666	0	532	11262
10	Interest Paid	637	892	0	286	155	12898	657	346	0	166	1950
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	71	340	6	5	1	169	144	14	0	96	1144
13	Gross Value of P&M	16833	5038	12456	9894	0	64813	10333	6665	155	0	20007
14	Value of Products & By-products	131001	56618	14040	30777	1614	51486	19240	992	1501	4898	175275
15	Other Output	10263	4479	78	3623	9034	8625	949	4713	2	164	14947
16	Total Output	141264	61097	14118	34400	10648	60111	20189	5705	1503	5062	190222
17	Fuels Consumed	2225	256	454	2752	13	8017	1022	786	10	140	2793
18	Material Consumed for Manufacturing	105050	45370	6876	19574	1141	31886	9580	2009	488	2908	125389
19	Other Input	9535	7630	996	5536	1464	4828	2350	710	483	1145	29685
20	Total Input	116810	53256	8326	27862	2618	44731	12952	3505	981	4193	157867
21	Gross Value Added (GVA)	24454	7841	5792	6538	8030	15380	7237	2200	522	869	32355
22	Depreciation	1597	609	1024	883	140	4204	1316	529	26	161	2637
23	Net Value Added (NVA)	22857	7232	4768	5655	7890	11176	5921	1671	496	708	29718
24	Net Fixed Capital Formation	-2876	285	-905	4368	-305	-1134	607	-299	-22	416	938
25	Gross Fixed Capital Formation	-1279	894	119	5251	-165	3070	1923	230	4	577	3575
26.1	Addition in Stock of – Materials, Fuels etc.	5627	765	-613	519	-1	170	677	81	-2	72	2678
26.2	Addition in Stock of – Semi Finished Goods	24	164	-74	0	0	177	73	-117	32	0	676
26.3	Addition in Stock of – Finished Goods	821	-179	-167	-61	334	-2576	559	-62	27	-8	1773
26.4	Addition in Stock of – Total	6472	750	-854	458	333	-2229	1309	-98	57	64	5127
27	Gross Capital Formation	5193	1644	-735	5709	168	841	3232	132	61	641	8702
28	Net Income	22220	6322	4768	5369	7735	-1722	5264	1325	496	542	27755
29	Profit	12430	1933	3007	3736	-414	-20363	73	-47	114	-78	11008

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	1394	1399	1410	1430	1511	1512	1520	1610	1621	1622	1623
1	No. of Factories (Nos.)	34	2	53	7	1	6	193	250	543	8	5
2	Factories in Operation (Nos.)	33	2	49	7	1	3	186	214	483	8	5
3	Fixed Capital	3998	122	24539	615	208	71	23534	6108	47574	340	199
4	Physical Working Capital	701	3	23683	777	116	196	28428	9048	31806	92	27
5	Working Capital	791	172	48333	577	1596	207	8659	6727	-77566	181	190
6	Invested Capital	4699	125	48222	1392	324	267	51962	15156	79380	432	226
7	Gross Value of Additions to Fixed Capital	251	66	2271	32	17	0	3004	312	10153	326	12
8	Rent Paid	1	0	0	0	0	0	5	0	12	0	0
9	Outstanding Loan	4402	12	4779	195	730	141	8773	1300	41090	49	72
10	Interest Paid	60	0	1050	90	3	13	1482	380	4099	7	4
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	3	4	779	1	0	0	56	7	172	4	0
13	Gross Value of P&M	7	0	22166	269	0	0	17499	38	19184	70	0
14	Value of Products & By-products	3246	336	76736	3497	982	152	158699	19092	188569	1063	2024
15	Other Output	78	0	8722	162	124	1	8629	1728	5957	4	52
16	Total Output	3324	336	85458	3659	1106	153	167328	20820	194526	1067	2076
17	Fuels Consumed	103	6	2698	18	19	2	2471	440	8522	39	26
18	Material Consumed for Manufacturing	2148	179	37341	1651	891	69	81778	15401	149270	696	1805
19	Other Input	230	27	10453	938	156	13	39574	1345	9314	102	52
20	Total Input	2481	212	50492	2607	1066	84	123823	17186	167106	837	1883
21	Gross Value Added (GVA)	843	124	34966	1052	40	69	43505	3634	27420	230	193
22	Depreciation	486	11	3170	66	31	3	3834	384	5654	28	20
23	Net Value Added (NVA)	357	113	31796	986	9	66	39671	3250	21766	202	173
24	Net Fixed Capital Formation	-292	55	-1282	-34	-14	-3	-1653	-124	3407	297	-9
25	Gross Fixed Capital Formation	194	66	1888	32	17	0	2181	260	9061	325	11
26.1	Addition in Stock of – Materials, Fuels etc.	35	-8	64	-528	-37	2	3317	-1242	-747	38	1
26.2	Addition in Stock of – Semi Finished Goods	-5	0	370	13	0	0	1703	-9	219	12	0
26.3	Addition in Stock of – Finished Goods	-10	0	872	-4	-12	27	49	-210	284	-12	6
26.4	Addition in Stock of – Total	20	-8	1306	-519	-49	29	5069	-1461	-244	38	7
27	Gross Capital Formation	214	58	3194	-487	-32	29	7250	-1201	8817	363	18
28	Net Income	296	113	30746	896	6	53	38185	2870	17655	195	169
29	Profit	-350	22	15108	303	-50	6	24037	598	6420	-13	34

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	1629	1701	1702	1709	1811	1812	1910	1920	2011	2012	2013
1	No. of Factories (Nos.)	59	15	104	24	134	16	5	21	44	19	3
2	Factories in Operation (Nos.)	49	8	95	24	131	16	5	20	37	17	3
3	Fixed Capital	3213	1376	5719	1444	108722	840	1945	3353371	79097	30941	332
4	Physical Working Capital	2157	365	3335	1040	10580	471	1634	712335	35817	47366	349
5	Working Capital	1136	1774	4364	1626	87892	1995	1172	67280	65450	-33746	-64
6	Invested Capital	5370	1741	9054	2484	119302	1311	3579	4065706	114914	78307	681
7	Gross Value of Additions to Fixed Capital	688	839	929	4	2969	151	132	778027	15231	3063	5
8	Rent Paid	1	0	35	0	3	0	0	14	303	0	0
9	Outstanding Loan	9304	267	3475	1144	31549	748	622	6795	13485	177500	100
10	Interest Paid	623	26	446	122	4809	123	305	2330	6323	19568	48
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	4	89	34	12	2475	0	31	1308	3572	8671	2
13	Gross Value of P&M	146	3051	2593	196	101999	60	2900	1654273	91859	126111	461
14	Value of Products & By-products	25683	6357	23862	3841	76352	2491	11839	4333708	203295	307034	1333
15	Other Output	778	1	666	129	68954	218	839	37014	6175	6771	221
16	Total Output	26461	6358	24528	3970	145306	2709	12678	4370722	209470	313805	1554
17	Fuels Consumed	305	884	1150	122	2776	65	235	334722	39444	21419	103
18	Material Consumed for Manufacturing	17459	4077	16641	2371	37726	748	9869	3617484	75785	177299	1168
19	Other Input	4455	313	2169	657	34431	646	1017	116329	15262	35761	72
20	Total Input	22219	5271	19960	3150	74933	1459	11121	4068535	130491	234479	1343
21	Gross Value Added (GVA)	4242	1087	4568	820	70373	1250	1557	302187	78979	79326	211
22	Depreciation	304	163	685	117	16582	143	167	154133	6255	2086	46
23	Net Value Added (NVA)	3938	924	3883	703	53791	1107	1390	148054	72724	77240	165
24	Net Fixed Capital Formation	383	674	294	-113	-13780	8	-116	170643	-869	1147	-48
25	Gross Fixed Capital Formation	687	837	979	4	2802	151	51	324776	5386	3233	-2
26.1	Addition in Stock of – Materials, Fuels etc.	-26	-31	775	-151	-4174	39	-55	134866	-1238	4927	19
26.2	Addition in Stock of – Semi Finished Goods	75	1	-60	-7	17	0	0	70136	1911	441	0
26.3	Addition in Stock of – Finished Goods	16	4	-188	-42	-31	0	51	108552	-5898	-15027	53
26.4	Addition in Stock of – Total	65	-26	527	-200	-4188	39	-4	313554	-5225	-9659	72
27	Gross Capital Formation	752	811	1506	-196	-1386	190	47	638330	161	-6426	70
28	Net Income	3314	898	3402	581	48979	984	1085	145710	66098	57672	117
29	Profit	701	-32	-500	1	7069	336	-38	73080	17840	33597	-7

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	2021	2022	2023	2029	2030	2100	2211	2219	2220	2310	2391
1	No. of Factories (Nos.)	8	27	35	32	1	164	43	334	304	11	13
2	Factories in Operation (Nos.)	8	26	35	32	1	146	38	294	282	11	8
3	Fixed Capital	3264	3292	6990	49240	6	55361	114503	85118	101889	5629	17464
4	Physical Working Capital	1591	2747	6494	76639	0	43610	28928	46993	48949	2086	10880
5	Working Capital	2413	3772	11241	98123	23	64025	33807	134686	102992	723	9525
6	Invested Capital	4855	6039	13484	125879	6	98971	143431	132111	150838	7715	28344
7	Gross Value of Additions to Fixed Capital	110	545	799	12169	0	11726	22326	11080	15421	1022	1201
8	Rent Paid	0	0	0	0	0	0	0	124	60	0	59
9	Outstanding Loan	698	2299	2542	22884	0	29134	12796	32934	60844	3410	344
10	Interest Paid	681	255	549	2624	0	3183	2435	4381	4750	505	74
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1	19	23	1244	1	2120	865	1187	385	57	0
13	Gross Value of P&M	5935	764	1780	47746	0	23689	85535	65193	41944	1838	11524
14	Value of Products & By-products	4189	16794	62236	312454	0	160317	329391	474640	325777	12878	40740
15	Other Output	33	1366	8961	16213	48	14582	34799	89120	29713	536	1433
16	Total Output	4222	18160	71197	328667	48	174899	364190	563760	355490	13414	42173
17	Fuels Consumed	327	200	826	6190	1	5712	13040	15414	13325	1084	3533
18	Material Consumed for Manufacturing	2916	12499	45552	153873	0	101582	236297	373237	221232	7923	20328
19	Other Input	1135	1768	11912	32610	3	27185	24464	96324	45304	725	6358
20	Total Input	4378	14467	58290	192673	4	134479	273801	484975	279855	9732	30219
21	Gross Value Added (GVA)	-156	3693	12907	135994	44	40420	90389	78785	75635	3682	11954
22	Depreciation	225	363	769	5930	0	4762	5981	7220	10920	1004	1668
23	Net Value Added (NVA)	-381	3330	12138	130064	44	35658	84408	71565	64715	2678	10286
24	Net Fixed Capital Formation	-186	101	-1821	5508	0	5879	5026	2541	3284	-11	-467
25	Gross Fixed Capital Formation	39	464	-1052	11438	0	10641	11007	9761	14204	993	1201
26.1	Addition in Stock of – Materials, Fuels etc.	76	87	1220	18285	0	3347	4809	6245	4562	-75	1944
26.2	Addition in Stock of - Semi Finished Goods	-16	28	-15	1732	0	3822	833	270	233	1	-1917
26.3	Addition in Stock of - Finished Goods	20	-19	46	-8173	0	537	-632	-2127	829	-71	25
26.4	Addition in Stock of - Total	80	96	1251	11844	0	7706	5010	4388	5624	-145	52
27	Gross Capital Formation	119	560	199	23282	0	18347	16017	14149	19828	848	1253
28	Net Income	-1062	3075	11588	127440	44	32475	81973	67059	59906	2173	10152
29	Profit	-2641	1740	6881	104666	44	1377	42461	34550	24200	476	5151

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	2392	2393	2394	2395	2396	2410	2420	2431	2432	2511
1	No. of Factories (Nos.)	524	9	13	114	263	72	13	29	6	58
2	Factories in Operation (Nos.)	358	9	13	109	244	69	13	25	6	51
3	Fixed Capital	17799	17779	28058	32550	120801	31051	34795	89588	4011	18673
4	Physical Working Capital	4148	3228	10244	7704	17401	36115	28667	12288	2849	15590
5	Working Capital	-28	-3444	-5633	18371	43561	-3382	17510	6762	1564	8090
6	Invested Capital	21947	21007	38302	40254	138202	67166	63462	101876	6860	34263
7	Gross Value of Additions to Fixed Capital	409	1798	256	3283	24936	4542	390	2686	885	6827
8	Rent Paid	1	129	0	52	1197	17	2	4	19	89
9	Outstanding Loan	1750	9237	4752	26404	63807	17164	3705	9906	1713	7799
10	Interest Paid	204	1261	486	1632	6775	2013	1957	1211	407	1816
11	Rent Received	0	0	0	0	35	0	0	0	0	0
12	Interest Received	8	74	480	465	685	369	68	111	5	52
13	Gross Value of P&M	446	2749	6309	23919	41907	32163	27882	11456	1788	20543
14	Value of Products & By-products	14573	12878	101998	89715	218575	271139	51146	85526	48652	117081
15	Other Output	555	1998	734	8743	5731	31234	750	2468	19	3790
16	Total Output	15128	14876	102732	98458	224306	302373	51896	87994	48671	120871
17	Fuels Consumed	1788	2006	9025	3575	25102	21709	7959	2696	809	1644
18	Material Consumed for Manufacturing	6870	4272	45239	69822	74509	234900	31734	66461	31267	105976
19	Other Input	1703	2782	25257	10214	37949	29308	3177	7741	490	3364
20	Total Input	10357	9060	79521	83611	137560	285917	42870	76898	32566	110984
21	Gross Value Added (GVA)	4771	5816	23211	14847	86746	16456	9026	11096	16105	9887
22	Depreciation	636	1238	4425	6162	15905	2489	1639	1337	316	4251
23	Net Value Added (NVA)	4135	4578	18786	8685	70841	13967	7387	9759	15789	5636
24	Net Fixed Capital Formation	-236	695	-4401	-1876	6376	1350	-1682	246	557	3004
25	Gross Fixed Capital Formation	400	1933	24	4286	22281	3839	-43	1583	873	7255
26.1	Addition in Stock of – Materials, Fuels etc.	8	-337	-1735	1392	4856	247	-1804	-1151	1092	298
26.2	Addition in Stock of - Semi Finished Goods	42	7	-340	1997	0	0	-509	470	0	1213
26.3	Addition in Stock of - Finished Goods	-349	174	38	-1067	-1445	923	-343	-1309	-319	285
26.4	Addition in Stock of - Total	-299	-156	-2037	2322	3411	1170	-2656	-1990	773	1796
27	Gross Capital Formation	101	1777	-2013	6608	25692	5009	-2699	-407	1646	9051
28	Net Income	3930	3189	18300	7002	62870	11939	5428	8545	15364	3731
29	Profit	-638	-747	9572	1568	27525	6590	661	1875	14375	-2187

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	2512	2513	2520	2591	2592	2593	2599	2610	2620	2630	2640	2651	2660
1	No. of Factories (Nos.)	17	3	1	9	27	34	73	24	4	5	3	4	4
2	Factories in Operation (Nos.)	13	3	1	9	23	34	71	19	4	5	3	4	4
3	Fixed Capital	9440	21	181	4513	2118	498	6145	30534	986	17226	113	358	1442
4	Physical Working Capital	3340	19	40	7996	2848	977	5988	46444	1521	11312	413	1028	8610
5	Working Capital	1874	110	22	4752	1552	1623	6120	53246	4318	20034	378	1536	6473
6	Invested Capital	12780	40	221	12509	4966	1475	12133	76978	2507	28538	526	1386	10052
7	Gross Value of Additions to Fixed Capital	500	0	18	900	201	268	938	6857	194	880	4	38	68
8	Rent Paid	0	0	0	6	0	0	0	152	5	0	0	0	0
9	Outstanding Loan	9739	0	156	2147	1395	521	4152	1795	519	592	209	46	129
10	Interest Paid	564	0	14	629	140	161	458	2040	156	1082	29	38	37
11	Rent Received	0	0	0	0	0	0	0	492	0	0	0	0	0
12	Interest Received	39	0	0	44	11	0	160	294	5	16	1	9	29
13	Gross Value of P&M	4013	1	0	3339	770	188	3617	56413	382	15285	199	456	1571
14	Value of Products & By-products	19164	200	294	37769	9022	3940	27538	209339	2914	22024	1216	2625	17154
15	Other Output	2450	0	0	1215	462	514	2363	14408	8786	5819	261	1298	953
16	Total Output	21614	200	294	38984	9484	4454	29901	223747	11700	27843	1477	3923	18107
17	Fuels Consumed	786	3	18	610	207	392	1042	2546	48	246	3	21	71
18	Material Consumed for Manufacturing	11643	92	225	32733	7344	1796	19329	144945	2347	15997	404	1504	11904
19	Other Input	4151	7	8	975	327	921	3981	25096	7587	4550	235	840	3609
20	Total Input	16580	102	251	34318	7878	3109	24352	172587	9982	20793	642	2365	15584
21	Gross Value Added (GVA)	5034	98	43	4666	1606	1345	5549	51160	1718	7050	835	1558	2523
22	Depreciation	626	3	23	477	337	51	687	4104	136	1412	17	39	205
23	Net Value Added (NVA)	4408	95	20	4189	1269	1294	4862	47056	1582	5638	818	1519	2318
24	Net Fixed Capital Formation	-155	-3	-5	423	-138	196	206	1340	-32	-526	-12	-1	-97
25	Gross Fixed Capital Formation	471	0	18	900	199	247	893	5444	104	886	5	38	108
26.1	Addition in Stock of – Materials, Fuels etc.	1169	5	2	-999	578	-36	81	-3319	295	1703	38	132	1533
26.2	Addition in Stock of – Semi Finished Goods	-610	5	0	-6	10	52	-25	307	-1	-332	-29	-1	53
26.3	Addition in Stock of – Finished Goods	125	3	0	21	311	-72	458	-1442	86	1511	-9	-81	1014
26.4	Addition in Stock of – Total	684	13	2	-984	899	-56	514	-4454	380	2882	0	50	2600
27	Gross Capital Formation	1155	13	20	-84	1098	191	1407	990	484	3768	5	88	2708
28	Net Income	3844	95	6	3552	1129	1133	4404	44864	1421	4556	789	1481	2281
29	Profit	556	19	-15	1401	53	264	1128	17285	141	-1321	209	343	755

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	2670	2710	2720	2732	2733	2740	2750	2790	2812	2813	2814	2815
1	No. of Factories	1	54	17	9	5	6	3	10	3	5	2	1
2	Factories in Operation (Nos.)	1	52	16	9	5	6	3	10	3	5	2	1
3	Fixed Capital	409	15068	879	2565	235	310	211	1280	3567	1682	1	18
4	Physical Working Capital	100	32340	2321	3254	345	1291	90	990	5045	3676	0	14
5	Working Capital	436	18699	508	-7038	433	2246	126	-388	10011	7725	128	64
6	Invested Capital	509	47408	3200	5819	580	1601	301	2270	8612	5358	1	32
7	Gross Value of Additions to Fixed Capital	45	6627	211	502	1	60	2	453	375	49	0	1
8	Rent Paid	0	554	0	0	0	25	1	0	0	0	0	0
9	Outstanding Loan	38	11996	924	3087	261	930	3	143	0	891	21	26
10	Interest Paid	17	2465	146	1542	19	148	0	81	45	20	0	1
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	3	567	0	35	0	0	1	1	161	40	0	2
13	Gross Value of P&M	295	22776	195	7728	129	129	60	1201	3861	2188	28	0
14	Value of Products & By-products	1699	98520	5943	20037	1702	3986	215	4501	16666	7276	0	144
15	Other Output	60	18766	117	72	3	214	139	421	363	114	37	0
16	Total Output	1759	117286	6060	20109	1705	4200	354	4922	17029	7390	37	144
17	Fuels Consumed	14	2851	194	264	28	37	11	67	120	153	2	4
18	Material Consumed for Manufacturing	391	63432	4983	17276	1286	2712	222	2823	9295	2649	0	61
19	Other Input	186	23385	303	682	55	951	29	693	2686	761	5	8
20	Total Input	591	89668	5480	18222	1369	3700	262	3583	12101	3563	7	73
21	Gross Value Added (GVA)	1168	27618	580	1887	336	500	92	1339	4928	3827	30	71
22	Depreciation	54	2930	109	328	27	40	10	121	533	174	28	3
23	Net Value Added (NVA)	1114	24688	471	1559	309	460	82	1218	4395	3653	2	68
24	Net Fixed Capital Formation	1	2948	73	175	-27	20	-8	325	-29	-124	-28	-2
25	Gross Fixed Capital Formation	55	5878	182	503	0	60	2	446	504	50	0	1
26.1	Addition in Stock of – Materials, Fuels etc.	-25	3149	636	-29	-89	42	-12	186	-282	225	0	2
26.2	Addition in Stock of - Semi Finished Goods	0	1435	165	63	-14	0	-4	-2	-290	-198	0	1
26.3	Addition in Stock of - Finished Goods	49	-2241	-160	-696	0	117	2	44	-50	-213	0	-2
26.4	Addition in Stock of - Total	24	2343	641	-662	-103	159	-14	228	-622	-186	0	1
27	Gross Capital Formation	79	8221	823	-159	-103	219	-12	674	-118	-136	0	2
28	Net Income	1097	21668	325	17	290	287	81	1137	4350	3633	2	67
29	Profit	221	-618	-219	-3047	71	29	-45	234	1524	1593	-26	7

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	2816	2817	2819	2821	2822	2824	2825	2829	2910	2920	2930	3011
1	No. of Factories (Nos.)	1	2	19	10	11	1	21	21	1	7	5	15
2	Factories in Operation (Nos.)	1	2	17	10	9	1	19	21	1	7	5	15
3	Fixed Capital	376	22	1895	2916	1243	9	1720	2017	40	360	1099	184744
4	Physical Working Capital	707	3	914	4824	3558	48	582	2460	171	745	445	47535
5	Working Capital	33	11	1909	13594	4559	-14	-787	1641	43	-193	-297	221712
6	Invested Capital	1083	25	2809	7740	4801	57	2302	4477	211	1105	1544	232279
7	Gross Value of Additions to Fixed Capital	16	0	413	161	53	0	421	224	0	100	285	34582
8	Rent Paid	0	0	23	0	0	0	0	33	2	1	0	1
9	Outstanding Loan	157	26	810	41	0	0	561	4440	44	232	471	14429
10	Interest Paid	72	0	76	44	869	0	112	447	2	47	60	5269
11	Rent Received	0	0	0	0	54	0	0	0	0	0	0	33
12	Interest Received	3	0	8	82	1	0	0	5	0	0	17	10656
13	Gross Value of P&M	72	0	1005	1821	4919	0	89	1179	0	172	370	23927
14	Value of Products & By-products	965	24	7116	19681	6601	168	7905	6675	79	605	1888	271428
15	Other Output	344	1	1649	954	528	63	72	980	0	464	734	49050
16	Total Output	1309	25	8765	20635	7129	231	7977	7655	79	1069	2622	320478
17	Fuels Consumed	12	1	87	123	215	0	160	300	1	25	44	3705
18	Material Consumed for Manufacturing	473	17	4458	13652	3424	149	4528	3965	51	487	1373	126596
19	Other Input	364	1	1653	1253	777	5	867	656	2	253	756	64153
20	Total Input	849	19	6198	15028	4416	154	5555	4921	54	765	2173	194454
21	Gross Value Added (GVA)	460	6	2567	5607	2713	77	2422	2734	25	304	449	126024
22	Depreciation	40	2	222	297	139	1	142	325	2	64	122	5464
23	Net Value Added (NVA)	420	4	2345	5310	2574	76	2280	2409	23	240	327	120560
24	Net Fixed Capital Formation	-24	-2	204	-158	-85	-1	171	-115	-2	36	141	29116
25	Gross Fixed Capital Formation	16	0	426	139	54	0	313	210	0	100	263	34580
26.1	Addition in Stock of – Materials, Fuels etc.	-8	0	-22	127	-13	48	276	-935	0	17	-41	11902
26.2	Addition in Stock of - Semi Finished Goods	-14	0	-69	134	52	0	26	446	21	20	-4	269
26.3	Addition in Stock of - Finished Goods	0	3	-92	-638	-59	0	68	-129	-5	1	113	214
26.4	Addition in Stock of - Total	-22	3	-183	-377	-20	48	370	-618	16	38	68	12385
27	Gross Capital Formation	-6	3	243	-238	34	48	683	-408	16	138	331	46965
28	Net Income	348	4	2246	5266	1705	76	2168	1929	19	192	267	115290
29	Profit	20	-4	1056	-325	183	24	857	-277	8	-164	-153	77737

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	3012	3030	3091	3100	3211	3212	3220	3230	3240	3250	3290
1	No. of Factories (Nos.)	3	5	1	160	23	3	1	2	2	52	16
2	Factories in Operation (Nos.)	3	5	1	150	22	3	1	2	2	48	16
3	Fixed Capital	509	3279	657	10428	1865	90	7	148	95	14560	3578
4	Physical Working Capital	1568	5518	379	13526	6421	81	14	77	108	10034	11236
5	Working Capital	139	7445	-1553	9108	87063	39	150	286	-95	6897	14535
6	Invested Capital	2077	8797	1036	23954	8286	171	21	225	203	24594	14814
7	Gross Value of Additions to Fixed Capital	5	100	194	1075	231	2	0	10	2	2861	797
8	Rent Paid	0	0	0	7	0	0	2	0	0	66	3
9	Outstanding Loan	331	1435	6361	13692	3753	50	0	34	0	8334	3692
10	Interest Paid	99	90	0	1100	13887	4	0	4	0	1407	496
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	39	85	0	44	97	0	7	15	1	236	144
13	Gross Value of P&M	288	7518	0	5113	293	0	91	171	89	13095	247
14	Value of Products & By-products	1167	4077	377	30318	268715	444	52	555	721	35598	17778
15	Other Output	42	4021	23	9405	23768	0	1	31	43	5497	2457
16	Total Output	1209	8098	400	39723	292483	444	53	586	764	41095	20235
17	Fuels Consumed	12	248	14	1230	113	10	2	21	13	780	263
18	Material Consumed for Manufacturing	557	1026	292	19818	263528	339	19	246	362	14253	13122
19	Other Input	229	1414	50	10259	2009	6	4	93	93	7698	4183
20	Total Input	798	2688	356	31307	265650	355	25	360	468	22731	17568
21	Gross Value Added (GVA)	411	5410	44	8416	26833	89	28	226	296	18364	2667
22	Depreciation	27	407	65	972	204	5	2	21	15	2245	343
23	Net Value Added (NVA)	384	5003	-21	7444	26629	84	26	205	281	16119	2324
24	Net Fixed Capital Formation	-21	-200	141	-599	22	-3	-2	-12	-12	-301	452
25	Gross Fixed Capital Formation	6	207	206	373	226	2	0	9	3	1944	795
26.1	Addition in Stock of – Materials, Fuels etc.	-22	-340	23	-682	-19254	14	-1	-4	-52	36	1925
26.2	Addition in Stock of – Semi Finished Goods	175	-583	-28	102	218	-2	0	2	1	169	182
26.3	Addition in Stock of – Finished Goods	47	0	24	-1914	199	-1	-2	-25	12	426	973
26.4	Addition in Stock of – Total	200	-923	19	-2494	-18837	11	-3	-27	-39	631	3080
27	Gross Capital Formation	206	-716	225	-2121	-18611	13	-3	-18	-36	2575	3875
28	Net Income	285	4913	-21	6336	12742	80	24	201	281	14646	1825
29	Profit	27	640	-405	-274	10947	26	-5	26	37	1915	906

Table T.5: Estimate of Selected Characteristics of factory sector by 4 –digit industry group (NIC-2008)**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	3311	3312	3314	3315	3319	3320	3812	3821	3830	5811	5813	Others	Total
1	No. of Factories (Nos.)	3	6	2	5	2	24	1	2	1	3	22	913	7972
2	Factories in Operation (Nos.)	3	6	2	5	2	24	1	2	1	3	20	800	6957
3	Fixed Capital	144	105	34	287	453	28224	2916	2381	12	178	33249	180306	5817077
4	Physical Working Capital	17	67	45	20	0	18814	645	0	0	6	5937	54698	2215662
5	Working Capital	18	475	67	44	92	18901	968	1548	0	1139	-1996	90263	1529079
6	Invested Capital	161	172	79	307	453	47038	3561	2381	12	184	39186	235004	8032739
7	Gross Value of Additions to Fixed Capital	0	13	0	0	10	5082	1766	1084	0	6	2511	7287	1109172
8	Rent Paid	0	0	0	0	0	0	0	0	0	8	0	1099	4993
9	Outstanding Loan	248	16	2	0	26	6461	723	250	0	161	7010	84333	1274259
10	Interest Paid	0	9	0	0	19	1555	4	0	0	16	2774	7921	190198
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	622
12	Interest Received	0	0	0	0	1	245	88	37	0	26	420	538	47501
13	Gross Value of P&M	144	18	52	0	0	1032	317	0	0	111	56137	123949	3261600
14	Value of Products & By-products	0	120	0	0	0	80050	1283	10	0	1501	27433	105944	12888107
15	Other Output	46	1642	601	2792	1848	1336	1178	4439	34	11	21063	410546	1539384
16	Total Output	46	1762	601	2792	1848	81386	2461	4449	34	1512	48496	516490	14427491
17	Fuels Consumed	10	10	2	145	43	1136	77	12	2	12	1154	7612	659942
18	Material Consumed for Manufacturing	12	745	40	72	99	22173	18	1	0	317	14250	121101	9708347
19	Other Input	20	750	508	948	856	37614	1886	3714	23	521	6494	274001	1713022
20	Total Input	42	1505	550	1165	998	60923	1981	3727	25	850	21898	402714	12081298
21	Gross Value Added (GVA)	4	257	51	1627	850	20463	480	722	9	662	26598	113776	2346193
22	Depreciation	13	9	2	42	54	2316	104	283	1	15	6737	15356	380261
23	Net Value Added (NVA)	-9	248	49	1585	796	18147	376	439	8	647	19861	98420	1965932
24	Net Fixed Capital Formation	-13	-42	-12	-42	-62	2585	1657	801	-1	-10	-4297	-10417	219372
25	Gross Fixed Capital Formation	0	-33	-10	0	-8	4901	1761	1084	0	5	2440	4939	599633
26.1	Addition in Stock of - Materials, Fuels etc.	1	-210	-11	13	0	1285	44	0	0	-2	5	-2926	235139
26.2	Addition in Stock of - Semi Finished Goods	0	0	0	0	0	452	0	0	0	0	0	623	90338
26.3	Addition in Stock of - Finished Goods	0	0	0	0	0	2211	0	0	0	0	0	3855	98210
26.4	Addition in Stock of - Total	1	-210	-11	13	0	3948	44	0	0	-2	5	1552	423687
27	Gross Capital Formation	1	-243	-21	13	-8	8849	1805	1084	0	3	2445	6491	1023320
28	Net Income	-9	239	49	1585	777	16592	372	439	8	623	17087	89400	1770743
29	Profit	-21	97	-6	-682	-142	10343	74	386	2	453	2187	26222	746139

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details
KASARGOD
(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	12	13	14	16	17	18
1	No. of Factories (Nos.)	7	2	256	6	1	29	1	1
2	Factories in Operation (Nos.)	7	2	204	6	1	25	1	1
3	Fixed Capital	2557	336	519	1743	2	1596	35	40
4	Physical Working Capital	7544	245	0	318	0	4029	46	4
5	Working Capital	4657	129	-620	297	-5	4417	97	40
6	Invested Capital	10101	581	519	2061	2	5625	81	44
7	Gross Value of Additions to Fixed Capital	130	130	0	5	0	259	0	2
8	Rent Paid	0	0	0	0	0	0	0	0
9	Outstanding Loan	3375	621	0	63	0	1765	0	0
10	Interest Paid	513	20	0	7	0	261	0	0
11	Rent Received	0	0	0	0	0	0	0	0
12	Interest Received	1	0	1	4	0	6	0	0
13	Gross Value of P&M	195	180	0	0	66	840	0	0
14	Value of Products & By-products	22378	2401	0	976	0	5940	47	22
15	Other Output	2245	0	5588	14	34	804	0	32
16	Total Output	24623	2401	5588	990	34	6744	47	54
17	Fuels Consumed	226	24	3	186	2	244	2	5
18	Material Consumed for Manufacturing	17888	1660	9	384	0	4230	22	9
19	Other Input	2549	494	120	98	4	994	2	14
20	Total Input	20663	2178	132	668	6	5468	26	28
21	Gross Value Added (GVA)	3960	223	5456	322	28	1276	21	26
22	Depreciation	307	23	20	147	9	183	5	6
23	Net Value Added (NVA)	3653	200	5436	175	19	1093	16	20
24	Net Fixed Capital Formation	-203	107	-20	-142	-9	66	-5	-5
25	Gross Fixed Capital Formation	104	130	0	5	0	249	0	1
26.1	Addition in Stock of – Materials, Fuels etc.	2582	171	0	203	0	189	-3	0
26.2	Addition in Stock of – Semi Finished Goods	544	0	0	-32	0	-314	-15	0
26.3	Addition in Stock of – Finished Goods	135	-63	0	-46	0	-139	-10	0
26.4	Addition in Stock of – Total	3261	108	0	125	0	-264	-28	0
27	Gross Capital Formation	3365	238	0	130	0	-15	-28	1
28	Net Income	3140	180	5436	168	19	832	16	20
29	Profit	2329	36	126	-141	-38	510	-4	-7

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

KASARAGOD

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	19	22	23	24	25	31	Others	Total
1	No. of Factories (Nos.)	1	2	12	2	1	8	20	349
2	Factories in Operation (Nos.)	1	2	12	2	1	6	20	291
3	Fixed Capital	10	145	508	1682	18	395	2926	12512
4	Physical Working Capital	0	241	129	961	6	506	1992	16021
5	Working Capital	0	25	171	713	69	440	9777	20207
6	Invested Capital	10	386	637	2643	24	901	4918	28533
7	Gross Value of Additions to Fixed Capital	0	60	14	0	0	8	217	825
8	Rent Paid	0	0	1	0	0	0	0	1
9	Outstanding Loan	0	32	145	2142	135	2347	0	10625
10	Interest Paid	0	3	17	162	10	75	7	1075
11	Rent Received	0	0	0	0	0	0	0	0
12	Interest Received	0	0	1	5	10	9	0	37
13	Gross Value of P&M	0	93	4	1232	0	0	616	3226
14	Value of Products & By-products	0	1409	1663	0	521	499	0	35856
15	Other Output	0	723	88	102	0	11	4217	13858
16	Total Output	0	2132	1751	102	521	510	4217	49714
17	Fuels Consumed	0	47	38	21	3	20	120	941
18	Material Consumed for Manufacturing	0	1351	674	0	435	338	146	27146
19	Other Input	0	603	221	91	35	60	1838	7123
20	Total Input	0	2001	933	112	473	418	2104	35210
21	Gross Value Added (GVA)	0	131	818	-10	48	92	2113	14504
22	Depreciation	0	26	71	296	3	55	196	1347
23	Net Value Added (NVA)	0	105	747	-306	45	37	1917	13157
24	Net Fixed Capital Formation	0	34	-57	-296	-3	-92	-120	-745
25	Gross Fixed Capital Formation	0	60	14	0	0	-37	76	602
26.1	Addition in Stock of – Materials, Fuels etc.	0	20	-24	10	-1	-29	-546	2572
26.2	Addition in Stock of – Semi Finished Goods	0	-2	0	0	-3	10	0	188
26.3	Addition in Stock of – Finished Goods	0	-63	-17	0	-2	49	0	-156
26.4	Addition in Stock of – Total	0	-45	-41	10	-6	30	-546	2604
27	Gross Capital Formation	0	15	-27	10	-6	-7	-470	3206
28	Net Income	0	102	730	-468	35	-38	1910	12082
29	Profit	0	-23	508	-500	-1	-127	-31	2637

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

KANNUR

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18	19	20	21
1	No. of Factories (Nos.)	37	4	194	114	11	4	164	4	8	1	5	4
2	Factories in Operation (Nos.)	37	4	69	99	11	4	132	4	8	1	5	4
3	Fixed Capital	13504	380	735	13889	855	597	4846	40	553	319	283	2261
4	Physical Working Capital	4277	599	52	7177	407	437	5749	48	83	24	215	768
5	Working Capital	4143	27	-77	-8051	119	1098	6612	74	314	-65	379	2479
6	Invested Capital	17781	979	787	21066	1262	1034	10595	88	636	343	498	3029
7	Gross Value of Additions to Fixed Capital	1245	14	0	1018	105	39	837	0	3	125	28	255
8	Rent Paid	0	0	0	0	0	0	8	0	0	0	0	0
9	Outstanding Loan	3563	194	0	19658	588	0	4029	16	148	0	38	0
10	Interest Paid	2807	90	0	1871	44	1	282	0	25	0	12	0
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	80	30	0	145	13	0	28	0	1	0	3	10
13	Gross Value of P&M	6145	321	0	8042	264	0	3369	0	1161	0	427	1242
14	Value of Products & By-products	66313	2591	93	13080	517	1200	17815	41	169	994	1520	5835
15	Other Output	6699	26	2362	2109	2484	3380	2294	0	750	48	311	35
16	Total Output	73012	2617	2455	15189	3001	4580	20109	41	919	1042	1831	5870
17	Fuels Consumed	1129	50	1	931	76	50	2101	1	47	25	115	69
18	Material Consumed for Manufacturing	53513	2065	101	6051	233	448	11859	19	301	756	1246	4645
19	Other Input	9560	211	57	3251	597	549	2161	2	168	82	136	366
20	Total Input	64202	2326	159	10233	906	1047	16121	22	516	863	1497	5080
21	Gross Value Added (GVA)	8810	291	2296	4956	2095	3533	3988	19	403	179	334	790
22	Depreciation	1311	57	28	933	71	82	717	2	90	38	29	216
23	Net Value Added (NVA)	7499	234	2268	4023	2024	3451	3271	17	313	141	305	574
24	Net Fixed Capital Formation	-242	-43	-217	83	28	-43	57	-2	-83	87	-1	47
25	Gross Fixed Capital Formation	1069	14	-189	1016	99	39	774	0	7	125	28	263
26.1	Addition in Stock of – Materials, Fuels etc.	376	115	3	-210	-6	9	417	2	-30	0	2	-24
26.2	Addition in Stock of – Semi Finished Goods	61	17	0	20	9	61	-27	5	0	0	0	5
26.3	Addition in Stock of – Finished Goods	179	-10	-3	536	-106	6	12	0	-8	-7	2	172
26.4	Addition in Stock of – Total	616	122	0	346	-103	76	402	7	-38	-7	4	153
27	Gross Capital Formation	1685	136	-189	1362	-4	115	1176	7	-31	118	32	416
28	Net Income	4692	144	2268	2152	1980	3450	2981	17	288	141	293	574
29	Profit	1596	-146	-40	-3660	88	3078	505	-3	-44	76	95	110

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

KANNUR

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	22	23	24	25	26	27	28	30	31	32	Others	Total
1	No. of Factories (Nos.)	29	57	2	8	1	2	8	2	22	4	45	730
2	Factories in Operation (Nos.)	25	51	2	8	1	2	8	2	22	4	45	548
3	Fixed Capital	3915	15139	225	541	736	63	977	334	2316	182	5676	68366
4	Physical Working Capital	1516	1345	95	575	1668	50	922	2864	1853	71	2141	32936
5	Working Capital	6549	6685	254	481	-369	51	1993	182	3058	215	10402	36553
6	Invested Capital	5431	16484	320	1116	2404	113	1899	3198	4169	253	7817	101302
7	Gross Value of Additions to Fixed Capital	301	1508	4	51	208	13	9	4	203	4	464	6438
8	Rent Paid	25	0	0	0	0	0	0	0	0	0	41	74
9	Outstanding Loan	311	4172	1360	373	241	0	130	138	2154	91	321	37525
10	Interest Paid	42	651	13	33	450	0	4	8	220	52	26	6631
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	30	39	0	0	46	0	1	10	7	15	3	461
13	Gross Value of P&M	1718	0	449	92	0	0	0	70	2079	436	1720	27535
14	Value of Products & By-products	8961	20081	0	4898	5674	77	1237	217	5761	895	550	158519
15	Other Output	1845	2776	9	92	971	0	111	170	1283	3	10328	38086
16	Total Output	10806	22857	9	4990	6645	77	1348	387	7044	898	10878	196605
17	Fuels Consumed	730	3502	7	60	159	5	18	4	498	25	172	9775
18	Material Consumed for Manufacturing	7098	5226	0	4472	3405	62	953	194	3191	331	1802	107971
19	Other Input	432	2890	23	138	647	3	65	68	853	113	4057	26429
20	Total Input	8260	11618	30	4670	4211	70	1036	266	4542	469	6031	144175
21	Gross Value Added (GVA)	2546	11239	-21	320	2434	7	312	121	2502	429	4847	52430
22	Depreciation	675	2066	28	58	95	4	107	25	236	51	519	7438
23	Net Value Added (NVA)	1871	9173	-49	262	2339	3	205	96	2266	378	4328	44992
24	Net Fixed Capital Formation	-377	-558	-25	-9	132	9	-98	-20	-50	-144	-76	-1545
25	Gross Fixed Capital Formation	298	1508	3	49	227	13	9	5	186	-93	443	5893
26.1	Addition in Stock of – Materials, Fuels etc.	304	-63	0	260	-112	45	275	1	-69	-37	-199	1059
26.2	Addition in Stock of – Semi Finished Goods	11	-78	0	-1	-59	0	-8	0	63	-3	0	76
26.3	Addition in Stock of – Finished Goods	74	183	-59	1	-354	0	-96	233	285	-16	3	1027
26.4	Addition in Stock of – Total	389	42	-59	260	-525	45	171	234	279	-56	-196	2162
27	Gross Capital Formation	687	1550	-56	309	-298	58	180	239	465	-149	247	8055
28	Net Income	1803	8522	-62	229	1889	3	201	88	2046	326	4261	38286
29	Profit	879	2559	-62	23	-6	-6	-118	-57	-4	-35	652	5480

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

WAYANAD

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	15	16	17	18	20	21	22	23	others	Total
1	No. of Factories (Nos.)	33	1	6	1	2	4	2	1	12	8	70
2	Factories in Operation (Nos.)	33	1	6	1	2	4	2	1	9	8	67
3	Fixed Capital	51082	771	91	29	67	1838	34	153	1562	1214	56841
4	Physical Working Capital	5111	649	228	0	21	1510	43	38	43	162	7805
5	Working Capital	1690	552	120	0	35	1324	61	70	252	646	4750
6	Invested Capital	56193	1420	319	29	88	3348	77	191	1605	1376	64646
7	Gross Value of Additions to Fixed Capital	1538	96	20	0	0	193	10	9	130	16	2012
8	Rent Paid	0	0	0	0	0	0	0	1	5	0	6
9	Outstanding Loan	16242	584	64	0	101	231	5	0	1568	0	18795
10	Interest Paid	390	105	13	0	12	13	1	0	39	0	573
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	30	3	0	0	0	4	0	0	0	0	37
13	Gross Value of P&M	9557	872	0	0	36	187	0	71	0	144	10867
14	Value of Products & By-products	69936	2923	207	0	156	14950	113	192	1656	4	90137
15	Other Output	18219	252	122	0	8	46	222	34	160	2260	21323
16	Total Output	88155	3175	329	0	164	14996	335	226	1816	2264	111460
17	Fuels Consumed	2816	33	17	0	1	191	4	11	311	44	3428
18	Material Consumed for Manufacturing	50816	1823	120	0	55	10675	72	113	235	380	64289
19	Other Input	18452	605	95	0	30	242	188	41	791	1475	21919
20	Total Input	72084	2461	232	0	86	11108	264	165	1337	1899	89636
21	Gross Value Added (GVA)	16071	714	97	0	78	3888	71	61	479	365	21824
22	Depreciation	889	97	9	2	12	212	5	19	213	129	1587
23	Net Value Added (NVA)	15182	617	88	-2	66	3676	66	42	266	236	20237
24	Net Fixed Capital Formation	515	-29	-36	-2	-12	-52	-1	-11	-201	-114	57
25	Gross Fixed Capital Formation	1404	68	-27	0	0	160	4	8	12	15	1644
26.1	Addition in Stock of - Materials, Fuels etc.	268	51	-26	0	3	186	13	11	-26	5	485
26.2	Addition in Stock of - Semi Finished Goods	59	44	0	0	0	9	0	0	0	0	112
26.3	Addition in Stock of - Finished Goods	254	-5	25	0	0	175	4	3	0	0	456
26.4	Addition in Stock of - Total	581	90	-1	0	3	370	17	14	-26	5	1053
27	Gross Capital Formation	1985	158	-28	0	3	530	21	22	-14	20	2697
28	Net Income	14792	512	75	-2	54	3662	65	41	222	236	19657
29	Profit	5447	96	12	-2	13	3037	4	0	-68	-194	8345

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details
KOZHIKODE
(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18	19	20	21	22
1	No. of Factories (Nos.)	45	1	12	33	2	103	55	9	12	1	6	8	21
2	Factories in Operation (Nos.)	40	1	12	33	1	95	35	9	12	1	5	8	21
3	Fixed Capital	9813	403	100	1809	57	14605	66	507	1435	37	907	386	1763
4	Physical Working Capital	8385	1	92	941	313	13453	165	490	326	0	1396	612	2882
5	Working Capital	5586	-175	0	-6857	735	14705	257	616	96	5	1186	925	1154
6	Invested Capital	18198	404	192	2750	370	28058	231	997	1761	37	2303	998	4645
7	Gross Value of Additions to Fixed Capital	2133	28	1	111	9	1895	0	127	0	0	150	20	397
8	Rent Paid	0	18	0	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	8749	0	1	148	368	5911	33	280	265	0	261	524	90
10	Interest Paid	515	20	2	539	35	919	0	21	69	0	31	3	7
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	79	1	0	8	0	33	0	0	0	0	2	0	0
13	Gross Value of P&M	9853	0	0	3074	0	10596	16	0	2725	25	0	526	1218
14	Value of Products & By-products	75537	0	287	3187	1603	53235	492	1560	87	0	7974	1453	18838
15	Other Output	21656	678	163	188	13	2740	103	285	1734	128	3705	358	879
16	Total Output	97193	678	450	3375	1616	55975	595	1845	1821	128	11679	1811	19717
17	Fuels Consumed	1543	17	1	455	16	580	34	31	26	14	208	65	206
18	Material Consumed for Manufacturing	65249	9	58	1621	898	34900	387	1074	1012	0	5988	722	14969
19	Other Input	23322	191	172	234	424	7091	63	104	220	23	3828	497	801
20	Total Input	90114	217	231	2310	1338	42571	484	1209	1258	37	10024	1284	15976
21	Gross Value Added (GVA)	7079	461	219	1065	278	13404	111	636	563	91	1655	527	3741
22	Depreciation	1246	54	6	139	11	2312	5	54	190	2	155	57	141
23	Net Value Added (NVA)	5833	407	213	926	267	11092	106	582	373	89	1500	470	3600
24	Net Fixed Capital Formation	738	-26	-4	-58	-2	-888	-5	128	-190	-2	-10	-37	257
25	Gross Fixed Capital Formation	1984	28	2	81	9	1424	0	182	0	0	145	20	398
26.1	Addition in Stock of – Materials, Fuels etc.	2122	0	0	-11	19	2117	9	57	24	0	437	0	599
26.2	Addition in Stock of - Semi Finished Goods	-12	0	0	84	0	649	9	0	0	0	16	50	0
26.3	Addition in Stock of - Finished Goods	476	0	7	103	14	259	19	-7	0	0	129	40	-131
26.4	Addition in Stock of - Total	2586	0	7	176	33	3025	37	50	24	0	582	90	468
27	Gross Capital Formation	4570	28	9	257	42	4449	37	232	24	0	727	110	866
28	Net Income	5318	369	211	387	232	10173	106	561	304	89	1469	467	3593
29	Profit	1198	73	-56	-912	94	3524	18	220	15	2	281	58	2843

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) –District wise details

KOZHIKODE		(Values in ₹ lakh unless otherwise mentioned)													
Sl.No.	Characteristic	23	24	25	26	27	28	30	31	32	33	38	58	Others	Total
1	No. of Factories (Nos.)	35	12	2	1	3	5	1	8	2	3	1	17	70	468
2	Factories in Operation (Nos.)	34	11	2	1	3	5	1	8	2	3	1	16	70	430
3	Fixed Capital	13650	15539	1117	167	181	133	240	292	39	22	12	27672	13599	104551
4	Physical Working Capital	1277	6021	340	202	712	122	79	506	48	45	0	5794	9736	53938
5	Working Capital	-6921	11117	-607	526	372	682	187	725	433	99	0	-1266	2402	25982
6	Invested Capital	14927	21560	1457	369	893	255	319	798	87	67	12	33466	23335	158489
7	Gross Value of Additions to Fixed Capital	6	1837	55	12	8	19	5	42	0	0	0	2337	431	9623
8	Rent Paid	0	1	0	0	0	0	0	0	0	0	0	0	0	19
9	Outstanding Loan	3742	2197	342	0	537	288	1360	200	83	0	0	5325	1693	32397
10	Interest Paid	153	211	107	6	61	3	80	55	8	0	0	2462	240	5547
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1	109	2	0	0	2	0	14	0	0	0	420	24	695
13	Gross Value of P&M	199	7715	1004	243	63	0	191	62	255	52	0	53654	2041	93512
14	Value of Products & By-products	6535	45090	7956	552	2042	1611	0	501	569	0	0	25172	0	254281
15	Other Output	345	2478	0	7	26	6	580	6762	103	572	34	18904	38950	101397
16	Total Output	6880	47568	7956	559	2068	1617	580	7263	672	572	34	44076	38950	355678
17	Fuels Consumed	455	4131	253	4	42	22	17	22	7	2	2	1046	465	9664
18	Material Consumed for Manufacturing	3631	27049	7105	371	1630	995	128	369	220	6	0	13198	3146	184735
19	Other Input	996	7225	106	59	86	138	104	6540	95	507	23	5554	25676	84079
20	Total Input	5082	38405	7464	434	1758	1155	249	6931	322	515	25	19798	29287	278478
21	Gross Value Added (GVA)	1798	9163	492	125	310	462	331	332	350	57	9	24278	9663	77200
22	Depreciation	636	961	66	23	24	22	82	77	8	0	1	6549	1238	14059
23	Net Value Added (NVA)	1162	8202	426	102	286	440	249	255	342	57	8	17729	8425	63141
24	Net Fixed Capital Formation	-630	-220	-10	-11	-36	-3	-77	-33	-11	-10	-1	-4283	-849	-6273
25	Gross Fixed Capital Formation	6	741	56	12	-12	19	5	44	-3	-10	0	2266	389	7786
26.1	Addition in Stock of – Materials, Fuels etc.	-84	-647	-32	9	48	35	11	-69	-4	-1	0	4	-663	3980
26.2	Addition in Stock of – Semi Finished Goods	5	0	0	-9	173	-5	0	-11	0	0	0	0	0	949
26.3	Addition in Stock of – Finished Goods	-191	-957	109	22	-90	-7	0	-11	-1	0	0	0	-7	-224
26.4	Addition in Stock of – Total	-270	-1604	77	22	131	23	11	-91	-5	-1	0	4	-670	4705
27	Gross Capital Formation	-264	-863	133	34	119	42	16	-47	-8	-11	0	2270	-281	12491
28	Net Income	1009	7991	319	96	225	437	169	199	334	57	8	15267	8185	57575
29	Profit	-926	2453	99	-98	60	152	44	93	247	-16	2	2325	1640	13433

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

MALAPPURAM

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18	19	20	21	22
1	No. of Factories (Nos.)	55	3	12	6	6	32	23	13	3	1	2	19	21
2	Factories in Operation (Nos.)	55	3	8	6	6	32	23	13	3	1	2	19	21
3	Fixed Capital	10586	150	1	3515	2378	2221	409	1026	568	5425	189	4674	4299
4	Physical Working Capital	20514	20	59	984	3762	2437	412	969	326	1140	182	8770	3698
5	Working Capital	9683	19	148	-12754	2034	1208	181	888	216	1140	15	16666	3558
6	Invested Capital	31100	170	60	4499	6140	4658	821	1995	894	6565	371	13444	7997
7	Gross Value of Additions to Fixed Capital	2223	0	0	463	479	257	3	515	55	3147	59	820	338
8	Rent Paid	0	0	0	0	0	5	0	0	2	0	0	0	0
9	Outstanding Loan	7144	2	5	7766	2422	1757	386	518	369	0	139	372	2344
10	Interest Paid	1057	0	0	1458	472	343	51	84	150	0	20	42	255
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	220	0	0	2	3	4	0	0	1	0	1	529	5
13	Gross Value of P&M	5361	0	0	6008	244	2673	61	0	2810	6764	0	310	3006
14	Value of Products & By-products	142419	30	195	5948	5346	14286	2429	4810	490	79853	868	31378	17100
15	Other Output	33228	0	0	24	1940	466	138	17	1507	0	261	3228	2498
16	Total Output	175647	30	195	5972	7286	14752	2567	4827	1997	79853	1129	34606	19598
17	Fuels Consumed	3272	11	4	824	81	226	112	119	81	158	113	1138	1418
18	Material Consumed for Manufacturing	127294	7	172	3148	1871	10118	1854	3821	397	79918	627	15097	13943
19	Other Input	33851	4	7	367	2829	1971	124	283	63	343	281	3751	959
20	Total Input	164417	22	183	4339	4781	12315	2090	4223	541	80419	1021	19986	16320
21	Gross Value Added (GVA)	11230	8	12	1633	2505	2437	477	604	1456	-566	108	14620	3278
22	Depreciation	1283	16	0	275	266	362	50	163	217	428	28	356	398
23	Net Value Added (NVA)	9947	-8	12	1358	2239	2075	427	441	1239	-994	80	14264	2880
24	Net Fixed Capital Formation	775	-16	0	186	136	-145	-48	354	-164	2719	32	705	-53
25	Gross Fixed Capital Formation	2058	0	0	461	402	217	2	517	53	3147	60	1061	345
26.1	Addition in Stock of – Materials, Fuels etc.	4597	2	4	205	-527	113	-44	571	92	694	141	-293	405
26.2	Addition in Stock of – Semi Finished Goods	-189	0	0	73	-2	204	0	3	0	0	0	439	-14
26.3	Addition in Stock of – Finished Goods	1295	3	8	35	338	-158	-12	-62	0	26	-3	392	-7
26.4	Addition in Stock of – Total	5703	5	12	313	-191	159	-56	512	92	720	138	538	384
27	Gross Capital Formation	7761	5	12	774	211	376	-54	1029	145	3867	198	1599	729
28	Net Income	8890	-8	12	-100	1767	1728	376	357	1087	-994	60	14222	2625
29	Profit	4668	-15	3	-1743	-37	305	98	84	715	-2232	31	10201	1073

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

MALAPPURAM												
(Values in ₹ lakh unless otherwise mentioned)												
Sl.No.	Characteristic	23	25	26	27	29	30	31	32	58	Others	Total
1	No. of Factories (Nos.)	43	4	1	3	3	1	30	4	1	54	340
2	Factories in Operation (Nos.)	43	4	1	3	3	1	30	4	1	48	330
3	Fixed Capital	5418	194	293	427	486	450	729	426	227	5989	50080
4	Physical Working Capital	276	212	166	426	238	6	5380	1625	65	1550	53217
5	Working Capital	2558	215	49	3	-125	9	1614	1565	196	3225	32311
6	Invested Capital	5694	406	459	853	724	456	6109	2051	292	7539	103297
7	Gross Value of Additions to Fixed Capital	231	162	106	1	208	0	145	45	0	97	9354
8	Rent Paid	413	0	0	0	0	0	6	0	0	149	575
9	Outstanding Loan	2066	226	201	101	37	0	3747	665	0	144	30411
10	Interest Paid	232	3	59	14	0	0	31	23	0	14	4308
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	2	0	0	0	0	0	1	0	0	0	768
13	Gross Value of P&M	23	0	507	91	0	300	166	54	0	909	29287
14	Value of Products & By-products	17592	809	887	767	762	8	2837	8257	1073	-5	338139
15	Other Output	275	38	206	522	559	1	3	863	295	13031	59100
16	Total Output	17867	847	1093	1289	1321	9	2840	9120	1368	13026	397239
17	Fuels Consumed	1972	12	7	13	11	7	188	30	17	255	10069
18	Material Consumed for Manufacturing	8365	645	342	507	476	4	1329	7776	395	461	278567
19	Other Input	2217	69	204	524	633	14	385	730	151	7566	57326
20	Total Input	12554	726	553	1044	1120	25	1902	8536	563	8282	345962
21	Gross Value Added (GVA)	5313	121	540	245	201	-16	938	584	805	4744	51277
22	Depreciation	864	25	34	70	52	43	95	32	36	670	5763
23	Net Value Added (NVA)	4449	96	506	175	149	-59	843	552	769	4074	45514
24	Net Fixed Capital Formation	-634	134	72	-69	143	-43	24	7	-36	-572	3507
25	Gross Fixed Capital Formation	230	159	106	1	195	0	119	39	0	98	9270
26.1	Addition in Stock of – Materials, Fuels etc.	-70	60	4	-44	13	2	-161	-6	10	-492	5276
26.2	Addition in Stock of – Semi Finished Goods	7	2	-37	-13	6	0	-7	218	0	0	690
26.3	Addition in Stock of – Finished Goods	-22	5	0	-58	95	0	-1990	-117	0	0	-232
26.4	Addition in Stock of – Total	-85	67	-33	-115	114	2	-2158	95	10	-492	5734
27	Gross Capital Formation	145	226	73	-114	309	2	-2039	134	10	-394	15004
28	Net Income	3803	93	447	161	149	-59	806	529	769	3911	40631
29	Profit	1369	21	112	-127	11	-81	-133	181	287	1247	16038

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

PALAKKAD													
(Values in ₹ lakh unless otherwise mentioned)													
Sl.No.	Characteristic	10	11	13	14	16	17	18	19	20	21	22	23
1	No. of Factories (Nos.)	74	13	16	8	66	9	4	5	27	23	75	66
2	Factories in Operation (Nos.)	74	13	16	6	66	9	4	5	27	23	75	66
3	Fixed Capital	26031	8207	25751	825	1826	2029	394	18928	2408	2434	26367	52567
4	Physical Working Capital	21921	2417	5026	338	735	582	147	1162	1655	5137	10049	30930
5	Working Capital	4882	3029	-5774	-1	805	-170	1837	920	4843	4659	14237	27062
6	Invested Capital	47952	10624	30777	1163	2561	2611	541	20090	4063	7571	36416	83497
7	Gross Value of Additions to Fixed Capital	5192	894	729	117	702	149	60	582	156	213	3464	11870
8	Rent Paid	0	0	1	0	0	0	0	14	0	0	117	233
9	Outstanding Loan	29910	1418	11564	500	285	556	45	600	2577	2055	17482	23333
10	Interest Paid	2190	333	2280	77	18	91	3	55	440	379	613	1868
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	35
12	Interest Received	168	127	58	1	1	6	21	0	1	21	194	544
13	Gross Value of P&M	17879	16576	32587	261	0	1386	0	2534	409	1782	27043	32820
14	Value of Products & By-products	116279	25363	24391	2532	12148	3578	1521	2510	21068	10522	113346	144825
15	Other Output	57237	1441	6945	14	423	189	52	1893	5151	759	7538	2305
16	Total Output	173516	26804	31336	2546	12571	3767	1573	4403	26219	11281	120884	147130
17	Fuels Consumed	2991	586	4232	307	347	500	27	175	367	447	5633	15074
18	Material Consumed for Manufacturing	102245	15292	16321	1247	10177	2481	770	2372	16507	5625	88365	70149
19	Other Input	55446	3095	2439	180	413	249	203	1087	6255	2210	9036	20217
20	Total Input	160682	18973	22992	1734	10937	3230	1000	3634	23129	8282	103034	105440
21	Gross Value Added (GVA)	12834	7831	8344	812	1634	537	573	769	3090	2999	17850	41690
22	Depreciation	1998	819	2073	100	203	145	50	135	262	336	2245	6487
23	Net Value Added (NVA)	10836	7012	6271	712	1431	392	523	634	2828	2663	15605	35203
24	Net Fixed Capital Formation	1680	64	-1765	-1	499	3	10	448	-119	-75	911	4731
25	Gross Fixed Capital Formation	3678	883	308	99	702	148	60	583	143	261	3156	11218
26.1	Addition in Stock of - Materials, Fuels etc.	2403	-382	312	-42	103	125	-47	97	285	522	-340	6660
26.2	Addition in Stock of - Semi Finished Goods	32	-107	168	0	0	-16	-12	-279	0	222	-40	-1754
26.3	Addition in Stock of - Finished Goods	3749	-85	-980	-68	64	-17	-69	47	-74	29	2201	-1606
26.4	Addition in Stock of - Total	6184	-574	-500	-110	167	92	-128	-135	211	773	1821	3300
27	Gross Capital Formation	9862	309	-192	-11	869	240	-68	448	354	1034	4977	14518
28	Net Income	8646	6679	3990	635	1413	301	520	565	2388	2284	14875	33104
29	Profit	3373	3788	-777	412	519	-230	144	-222	1666	-1006	7361	14257

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

PALAKKAD												
(Values in ₹ lakh unless otherwise mentioned)												
Sl.No.	Characteristic	24	25	26	27	28	29	31	32	38	Others	Total
1	No. of Factories (Nos.)	43	41	4	11	11	1	12	12	2	37	560
2	Factories in Operation (Nos.)	43	41	4	11	11	1	12	12	2	36	557
3	Fixed Capital	52920	5369	16428	512	1752	34	1924	3315	2381	5769	258171
4	Physical Working Capital	33345	5503	11810	711	3790	110	242	2345	0	1450	139405
5	Working Capital	-24007	2284	17244	-157	8009	112	2865	2315	1548	706	67248
6	Invested Capital	86265	10872	28238	1223	5542	144	2166	5660	2381	7219	397576
7	Gross Value of Additions to Fixed Capital	4190	656	365	121	54	3	83	971	1084	122	31777
8	Rent Paid	3	89	0	0	0	1	0	1	0	134	593
9	Outstanding Loan	15335	5625	1113	676	1087	137	760	695	250	2661	118664
10	Interest Paid	3258	964	1095	113	101	0	63	51	0	288	14280
11	Rent Received	0	0	0	0	0	0	0	0	0	0	35
12	Interest Received	225	2	6	1	40	0	3	36	37	0	1492
13	Gross Value of P&M	41047	3438	13926	204	2233	46	100	1692	0	894	196857
14	Value of Products & By-products	160057	45496	16168	2255	8153	0	8483	6377	10	112	725194
15	Other Output	29061	1657	3254	286	309	296	340	981	4439	8826	133396
16	Total Output	189118	47153	19422	2541	8462	296	8823	7358	4449	8938	858590
17	Fuels Consumed	17523	701	220	96	172	6	110	100	12	182	49808
18	Material Consumed for Manufacturing	135124	41237	10586	1283	3407	3	6719	2614	1	465	532990
19	Other Input	25979	1929	4869	546	919	208	547	1241	3714	5094	145876
20	Total Input	178626	43867	15675	1925	4498	217	7376	3955	3727	5741	728674
21	Gross Value Added (GVA)	10492	3286	3747	616	3964	79	1447	3403	722	3197	129916
22	Depreciation	2241	502	1229	51	183	7	63	283	283	480	20175
23	Net Value Added (NVA)	8251	2784	2518	565	3781	72	1384	3120	439	2717	109741
24	Net Fixed Capital Formation	1533	94	-857	69	-127	-3	-20	766	801	-379	8263
25	Gross Fixed Capital Formation	3774	596	372	120	56	4	43	1049	1084	101	28438
26.1	Addition in Stock of – Materials, Fuels etc.	621	-297	902	120	203	89	-398	514	0	66	11516
26.2	Addition in Stock of – Semi Finished Goods	0	71	-393	0	-205	0	0	70	0	0	-2243
26.3	Addition in Stock of – Finished Goods	705	315	2468	-121	-248	0	-247	138	0	106	6307
26.4	Addition in Stock of – Total	1326	89	2977	-1	-250	89	-645	722	0	172	15580
27	Gross Capital Formation	5100	685	3349	119	-194	93	-602	1771	1084	273	44018
28	Net Income	4991	1731	1423	452	3680	71	1321	3068	439	2295	94871
29	Profit	1802	-204	-2476	101	1400	3	706	1113	386	-121	31995

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

THRISSUR

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18	19	20	21
1	No. of Factories (Nos.)	93	16	9	16	8	4	28	20	24	2	18	40
2	Factories in Operation (Nos.)	82	13	7	16	8	4	21	20	24	1	17	35
3	Fixed Capital	39072	7745	1258	9331	315	274	799	547	2442	57	1269	15691
4	Physical Working Capital	21641	3424	353	7175	281	356	3641	529	189	139	1185	6530
5	Working Capital	33230	4950	-900	-18438	117	288	1069	819	140	229	2648	2815
6	Invested Capital	60713	11169	1611	16506	596	630	4440	1076	2631	196	2454	22221
7	Gross Value of Additions to Fixed Capital	5769	159	22	205	185	3	3	90	0	0	298	774
8	Rent Paid	41	0	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	23950	932	619	40991	248	28	319	427	1029	45	753	1683
10	Interest Paid	2557	471	153	3745	18	20	170	28	115	15	41	268
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	246	99	0	57	8	0	0	0	2	0	3	720
13	Gross Value of P&M	19557	2925	0	4260	0	0	0	0	0	0	884	2903
14	Value of Products & By-products	248618	34195	1039	5174	945	1383	2165	2382	5922	757	10005	28782
15	Other Output	36837	395	921	2608	75	0	70	6	6	298	109	3464
16	Total Output	285455	34590	1960	7782	1020	1383	2235	2388	5928	1055	10114	32246
17	Fuels Consumed	4033	196	4	605	13	11	36	88	149	14	190	707
18	Material Consumed for Manufacturing	199091	28390	801	4638	627	1008	1433	1591	1969	605	6011	14460
19	Other Input	40147	2695	1108	497	92	58	51	198	2120	350	820	5393
20	Total Input	243271	31281	1913	5740	732	1077	1520	1874	4238	969	7021	20560
21	Gross Value Added (GVA)	42184	3309	47	2042	288	306	715	514	1690	86	3093	11686
22	Depreciation	3427	584	86	537	38	29	19	65	348	3	141	1319
23	Net Value Added (NVA)	38757	2725	-39	1505	250	277	696	449	1342	83	2952	10367
24	Net Fixed Capital Formation	-4978	-567	-64	-331	167	-26	-17	24	-391	-3	157	-630
25	Gross Fixed Capital Formation	-1551	17	22	206	205	3	2	89	-43	0	298	689
26.1	Addition in Stock of – Materials, Fuels etc.	4703	320	-8	371	-76	-13	2	1	-142	0	402	-107
26.2	Addition in Stock of – Semi Finished Goods	63	169	0	68	23	-66	2	0	31	20	-1	83
26.3	Addition in Stock of – Finished Goods	-12	-188	322	-1614	89	-149	-144	14	-8	-2	-248	293
26.4	Addition in Stock of – Total	4754	301	314	-1175	36	-228	-140	15	-119	18	153	269
27	Gross Capital Formation	3203	318	336	-969	241	-225	-138	104	-162	18	451	958
28	Net Income	36159	2254	-192	-2240	232	257	526	421	1227	68	2911	10099
29	Profit	16099	706	-447	-6736	32	133	379	101	-560	34	2061	2416

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

THRISSUR

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	22	23	24	25	26	27	28	29	30	31	32	33	Others	Total
1	No. of Factories (Nos.)	136	244	15	53	2	15	32	2	1	17	19	3	100	917
2	Factories in Operation (Nos.)	131	204	15	50	2	14	32	2	1	13	19	3	90	824
3	Fixed Capital	53306	10407	3647	5890	214	366	5639	684	4	108	1938	50	15426	176479
4	Physical Working Capital	22361	3258	6804	5246	164	869	5696	255	0	586	5197	5	5908	101792
5	Working Capital	32933	1915	6099	1637	224	360	9318	-36	0	419	6950	-6	18544	105324
6	Invested Capital	75667	13665	10451	11136	378	1235	11335	939	4	694	7135	55	21334	278271
7	Gross Value of Additions to Fixed Capital	8969	499	537	1041	106	90	712	104	0	13	82	1	871	20533
8	Rent Paid	3	8	1	0	0	0	0	0	0	0	65	0	71	189
9	Outstanding Loan	13985	3640	2937	3759	208	139	732	435	0	36	3942	18	4370	105225
10	Interest Paid	1539	298	652	695	25	27	154	48	0	0	246	0	1202	12487
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	169	26	79	17	0	0	161	17	0	0	100	0	0	1704
13	Gross Value of P&M	46912	682	2756	4567	265	407	4234	369	0	0	93	0	774	91588
14	Value of Products & By-products	257723	18216	47060	37236	842	3322	24510	1223	0	967	62739	120	9041	804366
15	Other Output	23727	2364	1318	1333	42	26	1160	84	0	1	1592	103	101529	178068
16	Total Output	281450	20580	48378	38569	884	3348	25670	1307	0	968	64331	223	110570	982434
17	Fuels Consumed	9042	2582	1196	850	13	35	281	33	0	23	152	7	824	21084
18	Material Consumed for Manufacturing	185415	9170	42696	31799	348	2642	14065	935	0	603	59253	165	40413	648128
19	Other Input	28647	2718	1304	1149	144	394	3647	109	0	52	1497	7	56770	149967
20	Total Input	223098	14466	45196	33798	505	3071	17993	1077	0	678	60902	179	98007	819166
21	Gross Value Added (GVA)	58352	6114	3182	4771	379	277	7677	230	0	290	3429	44	12563	163268
22	Depreciation	4647	1097	334	614	27	44	802	77	1	13	299	7	1197	15755
23	Net Value Added (NVA)	53705	5017	2848	4157	352	233	6875	153	-1	277	3130	37	11366	147513
24	Net Fixed Capital Formation	3921	-625	200	428	74	40	-3	18	-1	0	-215	-6	-498	-3326
25	Gross Fixed Capital Formation	8568	472	534	1042	101	84	799	95	0	13	84	1	699	12429
26.1	Addition in Stock of – Materials, Fuels etc.	755	61	-1173	376	59	336	-1335	-15	0	20	6	-7	-120	4416
26.2	Addition in Stock of – Semi Finished Goods	184	32	1	284	1	35	-259	0	0	12	35	0	0	717
26.3	Addition in Stock of – Finished Goods	-1235	-205	271	4	-16	-34	-188	4	0	152	345	0	0	-2549
26.4	Addition in Stock of – Total	-296	-112	-901	664	44	337	-1782	-11	0	184	386	-7	-120	2584
27	Gross Capital Formation	8272	360	-367	1706	145	421	-983	84	0	197	470	-6	579	15013
28	Net Income	52164	4711	2195	3461	327	206	6721	105	-1	277	2819	37	10093	134837
29	Profit	24649	1420	1303	1033	128	-279	2334	-154	-1	49	833	6	1983	47522

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008)) -District wise details
ERNAKULAM (Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	13	14	15	16	17	18	19	20	21	22
1	No. of Factories (Nos.)	279	21	15	13	5	385	43	34	10	69	24	151
2	Factories in Operation (Nos.)	232	21	15	13	4	350	33	34	10	63	19	116
3	Fixed Capital	121371	9307	23309	20421	360	36523	2282	24496	3328525	120920	11725	107100
4	Physical Working Capital	144732	4983	8450	18933	438	24961	1018	3638	711214	141916	12914	27087
5	Working Capital	115424	4469	685	45481	1896	-83670	2922	30294	66031	92982	20977	32067
6	Invested Capital	266103	14290	31759	39354	798	61484	3300	28134	4039739	262836	24639	134187
7	Gross Value of Additions to Fixed Capital	27289	1983	613	1362	67	8281	781	1022	774281	22913	3506	11875
8	Rent Paid	741	0	13	0	0	0	35	0	0	0	0	35
9	Outstanding Loan	62968	5216	5277	729	751	38668	1697	9420	6370	208479	8132	39338
10	Interest Paid	10611	219	1595	484	3	3617	220	1343	2523	28330	1093	4818
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1640	7	207	752	0	130	103	338	1337	11582	399	1002
13	Gross Value of P&M	71048	5079	22913	21532	0	13255	2563	21431	1647554	242600	6792	28365
14	Value of Products & By-products	757662	29074	39837	68358	2310	173286	11881	18306	4260653	738414	33369	292610
15	Other Output	59580	4218	2131	4087	127	3348	156	16993	29600	27177	2905	19848
16	Total Output	817242	33292	41968	72445	2437	176634	12037	35299	4290253	765591	36274	312458
17	Fuels Consumed	17524	2450	1717	2197	48	5748	580	811	334508	47420	2079	9960
18	Material Consumed for Manufacturing	578405	18399	25508	33641	1880	138755	8178	7679	3543108	386027	35868	226455
19	Other Input	94391	5768	6041	7097	275	9660	1149	12268	111639	78826	4956	21501
20	Total Input	690320	26617	33266	42935	2203	154163	9907	20758	3989255	512273	42903	257916
21	Gross Value Added (GVA)	126922	6675	8702	29510	234	22471	2130	14541	300998	253318	-6629	54542
22	Depreciation	13784	754	1047	2699	63	4414	341	3045	153489	12020	786	5606
23	Net Value Added (NVA)	113138	5921	7655	26811	171	18057	1789	11496	147509	241298	-7415	48936
24	Net Fixed Capital Formation	9682	4385	-573	-1639	3	2934	434	-1969	167462	6567	3033	5777
25	Gross Fixed Capital Formation	23466	5139	474	1060	66	7348	775	1076	320951	18587	3819	11383
26.1	Addition in Stock of-Materials, Fuels etc.	19463	386	227	175	-36	-2711	-214	79	133969	19654	3259	4110
26.2	Addition in Stock of - Semi Finished Goods	1113	0	-235	354	10	642	-45	-27	70395	3623	3197	214
26.3	Addition in Stock of-Finished Goods	4857	-55	-466	624	33	-4	-157	35	108539	-24572	-47	-202
26.4	Addition in Stock of - Total	25433	331	-474	1153	7	-2073	-416	87	312903	-1295	6409	4122
27	Gross Capital Formation	48899	5470	0	2213	73	5275	359	1163	633854	17292	10228	15505
28	Net Income	101786	5702	6047	26327	168	14440	1534	10153	144986	212968	-8508	44083
29	Profit	46375	3972	1230	14910	-33	4449	-966	3688	75103	148086	-14431	23153

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details
ERNAKULAM
(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	23	24	25	26	27	28	29	30	31	32	33	38	58	Others	Total
1	No. of Factories (Nos.)	60	30	76	25	34	22	3	9	26	40	33	1	1	181	1590
2	Factories in Operation (Nos.)	55	26	68	21	34	16	3	9	25	35	33	1	0	140	1376
3	Fixed Capital	54163	71498	23551	30487	15530	3728	110	184305	2369	10711	28867	2916	0	52674	4287248
4	Physical Working Capital	8667	19872	18935	46187	31886	9451	194	44577	1966	7263	18846	645	0	12843	1321616
5	Working Capital	7642	25616	15837	50521	27322	17143	-195	221545	515	82988	19023	968	0	15870	814353
6	Invested Capital	62830	91370	42486	76674	47416	13179	304	228882	4335	17974	47713	3561	0	65517	5608864
7	Gross Value of Additions to Fixed Capital	4254	1238	5283	6852	6534	340	68	34578	536	2068	5097	1766	0	1644	924231
8	Rent Paid	154	25	6	152	579	11	0	1	0	5	0	0	0	306	2063
9	Outstanding Loan	21997	3663	13362	849	13614	3467	47	14273	1568	6976	6735	723	0	18011	492330
10	Interest Paid	1463	568	1344	1533	3266	1261	18	5261	113	14876	1581	4	0	2455	88599
11	Rent Received	0	0	0	492	0	54	0	33	0	0	0	0	0	0	579
12	Interest Received	458	95	262	295	502	84	0	10646	2	198	246	88	0	165	30538
13	Gross Value of P&M	21099	15641	22639	55836	27901	7369	1	23857	552	11313	1194	317	0	90565	2361416
14	Value of Products & By-products	135946	155455	96818	213423	107782	28490	320	271002	4950	226654	80050	1283	0	43298	7791231
15	Other Output	6107	1226	5760	14071	14685	1987	154	48855	733	25577	3594	1178	0	46043	340140
16	Total Output	142053	156681	102578	227494	122467	30477	474	319857	5683	252231	83644	2461	0	89341	8131371
17	Fuels Consumed	5490	9132	2479	2340	3035	520	9	3698	209	585	1196	77	0	2238	456050
18	Material Consumed for Manufacturing	80027	116428	75410	149637	74130	17954	342	126275	2782	208545	22339	18	0	31101	5908891
19	Other Input	27346	4753	8172	25939	20153	2554	23	64071	824	6149	38578	1886	0	33749	587768
20	Total Input	112863	130313	86061	177916	97318	21028	374	194044	3815	215279	62113	1981	0	67088	6952709
21	Gross Value Added (GVA)	29190	26368	16517	49578	25149	9449	100	125813	1868	36952	21531	480	0	22253	1178662
22	Depreciation	9273	1480	4862	4072	3021	413	14	5421	167	1778	2385	104	0	4316	235354
23	Net Value Added (NVA)	19917	24888	11655	45506	22128	9036	86	120392	1701	35174	19146	376	0	17937	943308
24	Net Fixed Capital Formation	-4044	-919	817	1421	2792	-92	54	29153	368	-607	2468	1657	0	-3968	225196
25	Gross Fixed Capital Formation	5229	561	5679	5493	5813	321	68	34574	535	1171	4853	1761	0	348	460550
26.1	Addition in Stock of-Materials, Fuels etc.	-518	-479	-138	-1872	2458	127	-20	11872	-87	-19678	1296	44	0	-845	170521
26.2	Addition in Stock of – Semi Finished Goods	1833	-170	461	363	1365	822	-4	269	281	64	452	0	0	0	84977
26.3	Addition in Stock of – Finished Goods	-1225	-1470	464	-1088	-2540	-519	14	-19	-7	315	2211	0	0	8	84729
26.4	Addition in Stock of – Total	90	-2119	787	-2597	1283	430	-10	12122	187	-19299	3959	44	0	-837	340227
27	Gross Capital Formation	5319	-1558	6466	2896	7096	751	58	46696	722	-18128	8812	1805	0	-489	800777
28	Net Income	18300	24296	10304	43821	18282	7764	68	115130	1588	20293	17565	372	0	15177	852646
29	Profit	11558	19000	248	18995	-3516	-222	10	77815	243	10410	10220	74	0	4058	454429

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

IDUKKI

(Values in ₹ lakh unless otherwise mentioned)

Sl.No	Characteristic	10	11	15	16	18	20	21	22	23	27	31	Others	Total
1	No. of Factories (Nos.)	80	2	3	6	1	4	3	13	17	2	2	29	162
2	Factories in Operation (Nos.)	75	2	3	6	1	4	3	13	17	2	1	29	156
3	Fixed Capital	64505	396	302	429	2	722	950	708	4448	282	637	5568	78949
4	Physical Working Capital	22518	41	821	363	10	513	1723	1150	297	525	202	353	28516
5	Working Capital	61400	51	788	499	10	653	947	-1148	1698	884	-1480	914	65216
6	Invested Capital	87023	437	1123	792	12	1235	2673	1858	4745	807	839	5921	107465
7	Gross Value of Additions to Fixed Capital	5317	10	1	60	0	24	103	15	335	80	1	67	6013
8	Rent Paid	0	0	0	4	0	0	0	1	0	0	0	0	5
9	Outstanding Loan	10140	64	417	241	0	80	498	323	3219	170	1649	570	17371
10	Interest Paid	1435	9	29	71	0	0	143	135	332	35	237	61	2487
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	297	0	0	0	0	0	2	0	19	2	1	4	325
13	Gross Value of P&M	38853	0	671	63	17	545	754	1335	175	894	1001	6547	50855
14	Value of Products & By-products	230586	345	843	2016	129	408	4691	10999	4099	1967	2343	5672	264098
15	Other Output	14862	0	89	0	0	85	1390	7	3	377	31	2850	19694
16	Total Output	245448	345	932	2016	129	493	6081	11006	4102	2344	2374	8522	283792
17	Fuels Consumed	8889	31	42	90	3	14	215	169	651	37	79	70	10290
18	Material Consumed for Manufacturing	128842	245	520	1543	100	303	2300	9708	499	1218	1579	3376	150233
19	Other Input	32346	29	179	110	9	131	1202	951	804	108	315	968	37152
20	Total Input	170077	305	741	1743	112	448	3717	10828	1954	1363	1973	4414	197675
21	Gross Value Added (GVA)	75371	40	191	273	17	45	2364	178	2148	981	401	4108	86117
22	Depreciation	5810	50	39	62	0	68	88	61	416	37	76	364	7071
23	Net Value Added (NVA)	69561	-10	152	211	17	-23	2276	117	1732	944	325	3744	79046
24	Net Fixed Capital Formation	-715	-40	-39	-4	0	-43	37	-46	-228	42	-649	-626	-2311
25	Gross Fixed Capital Formation	5095	10	0	58	0	25	125	15	188	79	-573	-262	4760
26.1	Addition in Stock of – Materials, Fuels etc.	724	-9	-29	-4	-16	-1	-16	165	0	126	-67	-88	785
26.2	Addition in Stock of-Semi Finished Goods	-362	0	18	0	2	0	-110	0	0	-28	7	0	-473
26.3	Addition in Stock of – Finished Goods	744	-2	-67	21	1	-83	-91	96	-47	16	-120	-44	424
26.4	Addition in Stock of – Total	1106	-11	-78	17	-13	-84	-217	261	-47	114	-180	-132	736
27	Gross Capital Formation	6201	-1	-78	75	-13	-59	-92	276	141	193	-753	-394	5496
28	Net Income	68126	-19	123	136	17	-23	2133	-19	1400	909	88	3683	76554
29	Profit	46932	-73	-16	4	2	-137	468	-510	927	302	-302	2091	49688

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

KOTTAYAM		ues in ₹ lakh unless otherwise mentioned)										
Sl.No.	Characteristic	10	11	13	14	15	16	17	18	19	20	21
1	No. of Factories (Nos.)	63	1	5	4	45	40	5	34	2	8	7
2	Factories in Operation (Nos.)	61	1	5	4	44	40	5	34	2	8	6
3	Fixed Capital	15180	4	2804	112	4497	1592	459	69045	466	1860	1566
4	Physical Working Capital	21068	83	683	271	10107	356	290	5638	244	1397	1538
5	Working Capital	24554	103	4357	90	-10262	1066	778	57070	146	-1593	1415
6	Invested Capital	36248	87	3487	383	14604	1948	749	74683	710	3257	3104
7	Gross Value of Additions to Fixed Capital	1683	0	181	4	592	176	94	1813	24	123	511
8	Rent Paid	0	0	0	0	0	0	0	1	0	0	0
9	Outstanding Loan	11983	0	3450	18	141	628	140	12560	402	203	1451
10	Interest Paid	968	0	981	9	74	105	24	2777	42	52	215
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	44	1	9	0	16	2	15	2090	2	7	25
13	Gross Value of P&M	16136	0	1923	1	2687	0	1695	66572	296	144	1603
14	Value of Products & By-products	75602	547	6046	429	83332	9110	4805	47102	780	8429	9663
15	Other Output	75546	5	198	67	1680	89	38	43471	98	1815	178
16	Total Output	151148	552	6244	496	85012	9199	4843	90573	878	10244	9841
17	Fuels Consumed	3716	2	533	7	1497	201	666	1313	58	157	226
18	Material Consumed for Manufacturing	116274	357	4533	227	31788	7501	3020	23276	594	5561	5849
19	Other Input	17540	154	518	92	29001	256	284	17598	38	2345	965
20	Total Input	137530	513	5584	326	62286	7958	3970	42187	690	8063	7040
21	Gross Value Added (GVA)	13618	39	660	170	22726	1241	873	48386	188	2181	2801
22	Depreciation	1882	0	260	11	863	235	81	11594	54	116	199
23	Net Value Added (NVA)	11736	39	400	159	21863	1006	792	36792	134	2065	2602
24	Net Fixed Capital Formation	-277	0	-161	-6	-552	-75	12	-9952	-33	10	254
25	Gross Fixed Capital Formation	1605	0	99	5	311	160	93	1642	21	126	453
26.1	Addition in Stock of – Materials, Fuels etc.	7139	4	78	-14	1075	83	13	-4064	50	113	-60
26.2	Addition in Stock of – Semi Finished Goods	-68	11	28	0	783	0	2	23	0	32	-139
26.3	Addition in Stock of – Finished Goods	-445	-9	120	32	145	11	12	35	0	113	64
26.4	Addition in Stock of – Total	6626	6	226	18	2003	94	27	-4006	50	258	-135
27	Gross Capital Formation	8231	6	325	23	2314	254	120	-2364	71	384	318
28	Net Income	10768	39	-581	150	21789	901	768	34014	92	2013	2387
29	Profit	3302	14	-1359	14	16905	230	111	3632	-9	1279	987

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

KOTTAYAM		(Values in ₹ lakh unless otherwise mentioned)											
Sl.No.	Characteristic	22	23	24	25	27	28	29	31	32	58	Others	Total
1	No. of Factories (Nos.)	128	26	4	2	9	5	2	9	2	6	59	466
2	Factories in Operation (Nos.)	118	26	3	1	8	5	2	8	2	6	47	436
3	Fixed Capital	54594	10626	1702	119	388	390	141	180	208	5528	10120	181581
4	Physical Working Capital	29902	1626	1701	143	709	281	393	683	54	84	2270	79521
5	Working Capital	49107	4935	1111	129	-476	622	-251	512	219	213	5584	139429
6	Invested Capital	84496	12252	3403	262	1097	671	534	863	262	5612	12390	261102
7	Gross Value of Additions to Fixed Capital	19787	1312	148	82	9	117	2	15	11	180	517	27381
8	Rent Paid	2	18	10	0	0	0	0	0	0	8	39	78
9	Outstanding Loan	14864	6097	987	46	109	157	44	487	125	1846	2245	57983
10	Interest Paid	2193	1095	288	3	28	26	41	70	3	328	95	9417
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	873	135	3	0	18	1	0	6	10	26	1	3284
13	Gross Value of P&M	56755	13432	1541	0	17	242	126	400	0	2594	1861	168025
14	Value of Products & By-products	291551	31224	23501	1702	1890	900	188	684	760	2689	11622	612556
15	Other Output	82748	254	5	366	82	405	91	32	32	1875	16594	225669
16	Total Output	374299	31478	23506	2068	1972	1305	279	716	792	4564	28216	838225
17	Fuels Consumed	10403	2726	285	69	47	38	9	37	24	103	439	22556
18	Material Consumed for Manufacturing	212646	10021	21689	1203	1500	423	104	306	232	974	8961	457039
19	Other Input	82353	8844	311	540	121	347	35	211	165	1310	9033	172061
20	Total Input	305402	21591	22285	1812	1668	808	148	554	421	2387	18433	651656
21	Gross Value Added (GVA)	68897	9887	1221	256	304	497	131	162	371	2177	9783	186569
22	Depreciation	6130	1922	169	13	25	43	36	21	36	167	705	24562
23	Net Value Added (NVA)	62767	7965	1052	243	279	454	95	141	335	2010	9078	162007
24	Net Fixed Capital Formation	1636	-711	-42	69	-54	-6	-35	-6	-26	12	-311	-10254
25	Gross Fixed Capital Formation	7766	1211	127	82	-29	37	1	15	10	179	394	14308
26	Addition in Stock of – Materials, Fuels etc.	7348	-23	331	-13	162	56	-91	11	2	-11	252	12441
26	Addition in Stock of – Semi Finished Goods	635	-224	0	0	98	-255	14	-37	3	0	5	911
26	Addition in Stock of – Finished Goods	-2781	334	-73	22	130	-11	1	-34	-10	0	581	-1763
26	Addition in Stock of – Total	5202	87	258	9	390	-210	-76	-60	-5	-11	838	11589
27	Gross Capital Formation	12968	1298	385	91	361	-173	-75	-45	5	168	1232	25897
28	Net Income	60572	6852	755	240	251	428	54	71	332	1674	8944	152513
29	Profit	33110	3431	477	41	42	102	-190	-284	53	28	5286	67202

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

ALAPPUZHA		(Values in ₹ lakh unless otherwise mentioned)											
Sl.No.	Characteristic	10	11	13	14	15	16	17	18	19	20	21	22
1	No. of Factories (Nos.)	176	2	175	2	1	14	24	2	1	8	12	33
2	Factories in Operation (Nos.)	162	2	140	2	1	11	20	2	1	7	8	27
3	Fixed Capital	101135	491	31596	50	162	1226	1034	44	69	1158	11899	1933
4	Physical Working Capital	84546	39	28118	27	39	530	269	2	0	1195	3290	1443
5	Working Capital	11019	-363	20867	72	183	176	998	-25	0	1106	11205	342
6	Invested Capital	185681	530	59714	77	201	1756	1303	46	69	2353	15189	3376
7	Gross Value of Additions to Fixed Capital	15307	14	5593	16	71	248	16	1	0	237	5053	444
8	Rent Paid	42	0	0	0	0	1	0	0	0	0	0	0
9	Outstanding Loan	46816	40	15158	0	55	1152	809	23	0	894	10448	992
10	Interest Paid	9384	6	2588	0	3	88	96	0	0	236	795	187
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1764	1	1074	3	0	3	0	1	0	17	409	18
13	Gross Value of P&M	41860	2136	17598	67	0	567	0	0	0	571	6177	362
14	Value of Products & By-products	490440	8	153432	219	321	2074	3416	0	0	7144	17999	22246
15	Other Output	34428	48	14206	7	1	273	5	36	0	92	568	418
16	Total Output	524868	56	167638	226	322	2347	3421	36	0	7236	18567	22664
17	Fuels Consumed	11405	24	3062	3	5	104	106	2	0	135	426	573
18	Material Consumed for Manufacturing	423741	6	108690	115	253	1448	2026	15	0	4419	10088	16324
19	Other Input	40046	120	25671	14	13	437	525	1	0	751	1903	1281
20	Total Input	475192	150	137423	132	271	1989	2657	18	0	5305	12417	18178
21	Gross Value Added (GVA)	49676	-94	30215	94	51	358	764	18	0	1931	6150	4486
22	Depreciation	8289	103	3380	9	19	156	63	7	0	129	946	246
23	Net Value Added (NVA)	41387	-197	26835	85	32	202	701	11	0	1802	5204	4240
24	Net Fixed Capital Formation	6014	-100	1765	7	51	93	-47	-6	0	76	2487	160
25	Gross Fixed Capital Formation	14303	3	5145	16	70	249	16	1	0	205	3433	406
26	Addition in Stock of - Materials, Fuels etc.	3778	-66	2705	-2	-5	103	30	1	0	209	47	-53
26	Addition in Stock of - Semi Finished Goods	-49	0	631	-1	0	-18	1	0	0	0	52	-1
26	Addition in Stock of - Finished Goods	3402	-2	2220	2	0	8	-1	0	0	-2	-341	41
26	Addition in Stock of - Total	7131	-68	5556	-1	-5	93	30	1	0	207	-242	-13
27	Gross Capital Formation	21434	-65	10701	15	65	342	46	2	0	412	3191	393
28	Net Income	31961	-203	24247	85	29	113	605	11	0	1566	4409	4053
29	Profit	4868	-472	6893	6	0	-182	119	7	0	426	1569	2994

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

ALAPPUZHA		(Values in ₹ lakh unless otherwise mentioned)												
Sl.No.	Characteristic	23	24	25	26	27	28	29	30	31	32	33	Others	Total
1	No. of Factories (Nos.)	50	4	16	1	7	5	1	4	8	8	1	91	646
2	Factories in Operation (Nos.)	35	4	14	1	6	5	1	4	8	8	1	76	546
3	Fixed Capital	1209	11335	3510	325	1289	2108	40	569	823	3149	10	12383	187547
4	Physical Working Capital	544	2875	3601	883	1465	1424	171	1568	790	10838	59	4069	147785
5	Working Capital	765	-7107	3221	1619	-352	1393	43	140	330	14294	294	1882	62102
6	Invested Capital	1753	14210	7111	1208	2754	3532	211	2137	1613	13987	69	16452	335332
7	Gross Value of Additions to Fixed Capital	34	428	2136	37	484	135	0	5	0	561	7	1758	32585
8	Rent Paid	0	0	0	0	0	33	2	0	0	0	0	41	119
9	Outstanding Loan	10	3598	689	0	33	741	44	331	309	3204	0	3671	89017
10	Interest Paid	24	318	345	11	15	118	2	99	97	464	0	644	15520
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	37	0	0	0	11	0	39	1	140	0	259	3777
13	Gross Value of P&M	0	2883	125	362	1328	747	0	288	345	22	0	830	76268
14	Value of Products & By-products	1971	14071	15515	1813	5605	5240	79	1167	864	16316	0	31146	791086
15	Other Output	164	151	630	1231	685	875	0	42	58	2383	704	11771	68776
16	Total Output	2135	14222	16145	3044	6290	6115	79	1209	922	18699	704	42917	859862
17	Fuels Consumed	63	531	129	12	63	110	1	12	20	222	4	880	17892
18	Material Consumed for Manufacturing	589	11893	14044	979	4081	3219	51	557	528	12158	629	28417	644270
19	Other Input	131	724	636	716	685	967	2	229	113	3958	9	6992	85924
20	Total Input	783	13148	14809	1707	4829	4296	54	798	661	16338	642	36289	748086
21	Gross Value Added (GVA)	1352	1074	1336	1337	1461	1819	25	411	261	2361	62	6628	111776
22	Depreciation	404	169	188	36	126	250	2	33	49	303	2	970	15879
23	Net Value Added (NVA)	948	905	1148	1301	1335	1569	23	378	212	2058	60	5658	95897
24	Net Fixed Capital Formation	-371	260	1945	1	357	-99	-2	-27	-49	257	4	778	13554
25	Gross Fixed Capital Formation	33	429	2133	37	483	151	0	6	0	560	6	1748	29433
26.1	Addition in Stock of - Materials, Fuels etc.	23	414	837	115	372	100	0	-22	72	1889	-211	266	10602
26.2	Addition in Stock of - Semi Finished Goods	-1	187	-72	17	-174	6	21	175	-244	189	0	0	719
26.3	Addition in Stock of - Finished Goods	11	104	216	-17	66	-40	-5	47	13	929	0	552	7203
26.4	Addition in Stock of - Total	33	705	981	115	264	66	16	200	-159	3007	-211	818	18524
27	Gross Capital Formation	66	1134	3114	152	747	217	16	206	-159	3567	-205	2566	47957
28	Net Income	924	587	803	1290	1320	1418	19	279	115	1594	60	4973	80258
29	Profit	448	-1050	-195	348	162	416	8	19	-2	932	25	1451	18790

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

PATHANAMTHITTA		(Values in ₹ lakh unless otherwise mentioned)								
Sl.No.	Characteristic	10	11	13	15	16	18	20	21	22
1	No. of Factories (Nos.)	61	5	6	2	7	1	4	3	16
2	Factories in Operation (Nos.)	54	5	6	2	6	1	4	3	16
3	Fixed Capital	13846	545	424	24	455	11	319	262	1090
4	Physical Working Capital	16849	400	302	3	314	21	175	167	660
5	Working Capital	16897	2982	64	6	203	-11	495	48	485
6	Invested Capital	30695	945	726	27	769	32	494	429	1750
7	Gross Value of Additions to Fixed Capital	2341	42	19	0	12	0	15	50	219
8	Rent Paid	16	0	0	0	0	0	0	0	0
9	Outstanding Loan	10005	44	374	0	382	1	149	640	162
10	Interest Paid	636	3	44	1	57	0	20	21	55
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	147	84	0	0	1	0	15	4	0
13	Gross Value of P&M	12022	170	0	0	108	0	0	105	257
14	Value of Products & By-products	80299	6472	2212	0	1500	0	676	130	6260
15	Other Output	4788	1368	7	19	137	69	2	1	101
16	Total Output	85087	7840	2219	19	1637	69	678	131	6361
17	Fuels Consumed	1552	33	27	0	31	4	15	10	229
18	Material Consumed for Manufacturing	65200	5081	1871	0	1187	35	483	59	5011
19	Other Input	4675	1317	80	1	101	11	32	27	454
20	Total Input	71427	6431	1978	1	1319	50	530	96	5694
21	Gross Value Added (GVA)	13660	1409	241	18	318	19	148	35	667
22	Depreciation	1278	38	48	2	18	2	39	22	132
23	Net Value Added (NVA)	12382	1371	193	16	300	17	109	13	535
24	Net Fixed Capital Formation	46	-25	-45	-2	-7	-2	-51	28	82
25	Gross Fixed Capital Formation	1324	13	3	0	11	0	-12	50	214
26	Addition in Stock of - Materials, Fuels etc.	1050	117	11	0	-89	5	28	20	168
26	Addition in Stock of - Semi Finished Goods	4027	0	-7	0	-9	0	20	0	1
26	Addition in Stock of - Finished Goods	77	-20	-18	0	-6	0	25	7	1
26	Addition in Stock of - Total	5154	97	-14	0	-104	5	73	27	170
27	Gross Capital Formation	6478	110	-11	0	-93	5	61	77	384
28	Net Income	11730	1368	149	15	243	17	89	-8	480
29	Profit	6717	946	29	1	-50	1	25	-51	-321

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

PATHANAMTHITTA

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	23	24	25	27	31	32	Others	Total
1	No. of Factories (Nos.)	51	1	5	2	4	2	51	221
2	Factories in Operation (Nos.)	46	1	5	2	4	2	46	203
3	Fixed Capital	20412	741	574	97	128	10	19079	58017
4	Physical Working Capital	1089	0	608	63	110	24	2368	23153
5	Working Capital	6877	789	-174	111	-25	-29	-2931	25787
6	Invested Capital	21501	741	1182	160	238	34	21447	81170
7	Gross Value of Additions to Fixed Capital	2304	121	19	66	17	0	31	5256
8	Rent Paid	274	0	0	0	1	0	69	360
9	Outstanding Loan	7661	189	326	81	3	0	16101	36118
10	Interest Paid	931	115	51	13	1	0	1814	3762
11	Rent Received	0	0	0	0	0	0	0	0
12	Interest Received	267	0	0	1	0	0	16	535
13	Gross Value of P&M	12307	0	218	9	0	4	15585	40785
14	Value of Products & By-products	35176	8487	1762	342	151	14	3486	146967
15	Other Output	1575	0	38	1	143	49	22687	30985
16	Total Output	36751	8487	1800	343	294	63	26173	177952
17	Fuels Consumed	3718	63	41	5	4	2	127	5861
18	Material Consumed for Manufacturing	7957	7775	1491	232	77	11	565	97035
19	Other Input	5765	53	43	16	140	5	18365	31085
20	Total Input	17440	7891	1575	253	221	18	19057	133981
21	Gross Value Added (GVA)	19311	596	225	90	73	45	7116	43971
22	Depreciation	3180	91	67	10	13	1	1106	6047
23	Net Value Added (NVA)	16131	505	158	80	60	44	6010	37924
24	Net Fixed Capital Formation	-1046	-8	-47	57	3	-1	-1070	-2088
25	Gross Fixed Capital Formation	2134	83	20	67	16	0	36	3959
26.1	Addition in Stock of - Materials, Fuels etc.	-97	-857	-26	5	17	0	-37	315
26.2	Addition in Stock of - Semi Finished Goods	0	0	4	0	3	0	-67	3972
26.3	Addition in Stock of - Finished Goods	-33	0	28	0	-7	1	1111	1166
26.4	Addition in Stock of - Total	-130	-857	6	5	13	1	1007	5453
27	Gross Capital Formation	2004	-774	26	72	29	1	1043	9412
28	Net Income	14925	390	107	67	58	44	4126	33800
29	Profit	4748	242	17	11	-8	1	1695	14003

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

KOLLAM

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	13	14	16	17	18	19	20	21	22	23
1	No. of Factories (Nos.)	628	8	11	2	33	8	8	2	8	8	24	227
2	Factories in Operation (Nos.)	547	6	10	2	31	6	8	2	8	8	21	107
3	Fixed Capital	72750	76	3328	82	4844	129	858	1480	37873	538	15579	14541
4	Physical Working Capital	101196	169	327	125	585	41	98	46	16342	200	3925	3042
5	Working Capital	-103094	208	-2014	298	-1626	170	-158	46	41882	-76	-5005	-3295
6	Invested Capital	173946	245	3655	207	5429	170	956	1526	54215	738	19504	17583
7	Gross Value of Additions to Fixed Capital	4437	20	2065	4	87	0	48	0	7324	243	458	2993
8	Rent Paid	7	0	0	0	0	0	0	0	303	0	0	3
9	Outstanding Loan	56470	171	24312	101	1774	10	500	0	556	241	3315	15837
10	Interest Paid	13630	7	22	1	114	0	93	0	249	34	1178	2123
11	Rent Received	8	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1180	1	1	0	0	11	1	0	1741	0	38	51
13	Gross Value of P&M	11229	0	1691	0	0	0	189	0	23010	123	4689	2120
14	Value of Products & By-products	439377	408	541	284	2789	181	500	0	78385	1150	30453	25608
15	Other Output	94691	0	396	15	581	84	408	5788	665	15	1279	25
16	Total Output	534068	408	937	299	3370	265	908	5788	79050	1165	31732	25633
17	Fuels Consumed	4130	26	21	5	66	5	35	5	17503	23	728	3816
18	Material Consumed for Manufacturing	364706	301	312	127	2351	90	546	0	24232	574	23140	12080
19	Other Input	105482	12	96	38	405	98	186	3784	2856	94	1695	2605
20	Total Input	474318	339	429	170	2822	193	767	3789	44591	691	25563	18501
21	Gross Value Added (GVA)	59750	69	508	129	548	72	141	1999	34459	474	6169	7132
22	Depreciation	5393	10	163	13	141	9	91	151	1972	65	677	1685
23	Net Value Added (NVA)	54357	59	345	116	407	63	50	1848	32487	409	5492	5447
24	Net Fixed Capital Formation	-2955	10	1669	-10	-54	-9	-52	-151	-2691	179	-362	333
25	Gross Fixed Capital Formation	2438	20	1832	3	87	0	39	0	-719	244	315	2018
26.1	Addition in Stock of - Materials, Fuels etc.	1896	9	24	8	10	8	-15	1	1469	-1	473	699
26.2	Addition in Stock of - Semi Finished Goods	-1253	0	32	0	0	-1	0	0	238	0	0	-1
26.3	Addition in Stock of - Finished Goods	4281	24	37	-57	-16	12	-2	0	-2938	-2	395	-17
26.4	Addition in Stock of - Total	4924	33	93	-49	-6	19	-17	1	-1231	-3	868	681
27	Gross Capital Formation	7362	53	1925	-46	81	19	22	1	-1950	241	1183	2699
28	Net Income	40720	52	323	115	293	63	-43	1848	31935	375	4314	3321
29	Profit	-6857	8	-506	-27	6	13	-147	290	11500	103	2058	-375

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

Kollam		(Values in ₹ lakh unless otherwise mentioned)										
Sl.No.	Characteristic	24	25	27	28	29	30	31	32	33	Others	Total
1	No. of Factories (Nos.)	5	9	10	4	1	2	4	2	1	83	1088
2	Factories in Operation (Nos.)	4	7	10	4	1	2	3	2	1	83	873
3	Fixed Capital	79	592	513	435	4	75	101	240	18	11057	165192
4	Physical Working Capital	8241	206	1592	122	0	0	328	378	0	6748	143711
5	Working Capital	7885	80	-17225	-360	5	-6	255	-590	179	257	-82184
6	Invested Capital	8320	798	2105	557	4	75	429	618	18	17805	308903
7	Gross Value of Additions to Fixed Capital	0	166	113	326	0	3	10	157	0	375	18829
8	Rent Paid	2	0	0	12	0	0	0	0	0	243	570
9	Outstanding Loan	80	435	1106	124	3	75	84	82	0	8218	113494
10	Interest Paid	3	72	696	18	0	2	11	68	2	730	19053
11	Rent Received	0	0	0	0	0	0	0	0	0	0	8
12	Interest Received	0	0	15	0	0	1	0	1	0	14	3055
13	Gross Value of P&M	0	310	555	321	0	0	32	56	0	123	44448
14	Value of Products & By-products	2729	911	5702	2913	0	0	432	684	0	1363	594410
15	Other Output	95	792	2909	241	14	224	0	29	759	98784	207794
16	Total Output	2824	1703	8611	3154	14	224	432	713	759	100147	802204
17	Fuels Consumed	281	82	39	10	1	7	12	7	0	717	27519
18	Material Consumed for Manufacturing	1703	617	4346	1580	0	7	313	393	0	1037	438455
19	Other Input	230	589	2793	383	1	19	21	61	677	86052	208177
20	Total Input	2214	1288	7178	1973	2	33	346	461	677	87806	674151
21	Gross Value Added (GVA)	610	415	1433	1181	12	191	86	252	82	12341	128053
22	Depreciation	4	44	51	66	0	13	12	26	1	1089	11676
23	Net Value Added (NVA)	606	371	1382	1115	12	178	74	226	81	11252	116377
24	Net Fixed Capital Formation	-4	122	64	254	0	-10	-3	132	-1	-841	-4380
25	Gross Fixed Capital Formation	0	166	115	320	0	3	9	158	0	248	7296
26.1	Addition in Stock of - Materials, Fuels etc.	166	-60	97	-42	0	0	12	-29	0	270	4995
26.2	Addition in Stock of - Semi Finished Goods	-57	53	186	-9	0	0	1	-6	0	685	-132
26.3	Addition in Stock of - Finished Goods	431	-31	-245	-1	0	0	29	-1	0	1570	3469
26.4	Addition in Stock of - Total	540	-38	38	-52	0	0	42	-36	0	2525	8332
27	Gross Capital Formation	540	128	153	268	0	3	51	122	0	2773	15628
28	Net Income	601	299	686	1085	12	176	63	158	79	10279	96754
29	Profit	-137	67	-1014	586	3	8	28	16	60	4308	9991

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

THIRUVANANTHAPURAM

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	13	14	16	17	18	20	21	22	23
1	No. of Factories (Nos.)	84	2	18	3	9	6	16	6	11	31	47
2	Factories in Operation (Nos.)	78	2	18	2	7	6	13	5	8	27	47
3	Fixed Capital	15739	83	3876	57	2732	422	9607	3416	2941	30558	35430
4	Physical Working Capital	14096	68	740	3	1062	458	548	3322	1918	19918	3168
5	Working Capital	8918	-80	-1408	-30	559	572	29	1292	1904	137111	12731
6	Invested Capital	29835	151	4616	60	3794	880	10155	6738	4859	50476	38598
7	Gross Value of Additions to Fixed Capital	1173	7	10	22	803	0	116	402	168	2491	7415
8	Rent Paid	0	0	0	0	0	0	0	0	0	0	329
9	Outstanding Loan	12203	0	18570	0	2089	433	7836	5148	3085	13336	16217
10	Interest Paid	830	0	947	0	266	30	345	604	189	541	1711
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	30	0	9	0	16	0	20	157	1	108	226
13	Gross Value of P&M	7509	1	3884	0	1159	196	7118	5879	1372	20848	5831
14	Value of Products & By-products	102164	1	2150	0	4460	1359	4439	17494	15232	58120	46765
15	Other Output	28207	1	652	148	137	16	4106	369	1459	11987	3289
16	Total Output	130371	2	2802	148	4597	1375	8545	17863	16691	70107	50054
17	Fuels Consumed	1607	12	284	9	201	58	337	2082	303	2630	5715
18	Material Consumed for Manufacturing	84561	8	1510	6	1786	767	2310	7013	6223	26228	20340
19	Other Input	31155	72	166	24	398	245	2186	2020	5633	17338	9443
20	Total Input	117323	92	1960	39	2385	1070	4833	11115	12159	46196	35498
21	Gross Value Added (GVA)	13048	-90	842	109	2212	305	3712	6748	4532	23911	14556
22	Depreciation	1695	8	368	9	178	35	1073	503	367	3118	2724
23	Net Value Added (NVA)	11353	-98	474	100	2034	270	2639	6245	4165	20793	11832
24	Net Fixed Capital Formation	-528	-1	-359	13	551	-35	-956	-43	-148	-1078	4121
25	Gross Fixed Capital Formation	1167	7	9	22	729	0	117	460	219	2040	6845
26.1	Addition in Stock of - Materials Fuels etc.	4302	4	-212	1	-18	3	-25	451	-13	1651	-485
26.2	Addition in Stock of - Semi Finished Goods	2	0	6	0	12	0	0	144	23	348	-29
26.3	Addition in Stock of - Finished Goods	19	0	-224	0	245	-10	-15	-1522	17	-322	140
26.4	Addition in Stock of - Total	4323	4	-430	1	239	-7	-40	-927	27	1677	-374
27	Gross Capital Formation	5490	11	-421	23	968	-7	77	-467	246	3717	6471
28	Net Income	10523	-98	-473	100	1768	240	2294	5641	3976	20252	9793
29	Profit	3205	-161	-1939	-43	1242	26	-54	-6230	949	3945	3051

Table T.6: Estimate of Selected Characteristics of factory sector by 2 –digit industry group (NIC-2008) -District wise details

THIRUVANANTHAPURAM								(Values in ₹ lakh unless otherwise mentioned)				
Sl.No.	Characteristic	24	25	26	27	28	30	31	32	33	Others	Total
1	No. of Factories (Nos.)	2	5	10	6	5	4	10	4	1	85	365
2	Factories in Operation (Nos.)	2	4	9	6	5	4	10	4	1	62	320
3	Fixed Capital	77	114	2418	900	304	3212	426	125	280	18826	131543
4	Physical Working Capital	4	1423	8348	1623	23	5906	374	128	8	3108	66246
5	Working Capital	-16	971	16607	3693	74	5686	-120	515	8	22985	212001
6	Invested Capital	81	1537	10766	2523	327	9118	800	253	288	21934	197789
7	Gross Value of Additions to Fixed Capital	0	1	400	337	1	286	2	4	0	677	14315
8	Rent Paid	0	0	5	1	0	0	0	0	0	6	341
9	Outstanding Loan	0	591	716	778	247	6379	348	0	0	26328	114304
10	Interest Paid	0	155	220	133	1	8	127	7	0	345	6459
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	13	10	65	2	84	0	0	0	52	793
13	Gross Value of P&M	25	78	3462	749	16	7027	376	61	0	1340	66931
14	Value of Products & By-products	13	1384	17612	3153	167	4655	1846	598	0	-345	281267
15	Other Output	26	88	11803	133	11	3264	8	185	2533	32676	101098
16	Total Output	39	1472	29415	3286	178	7919	1854	783	2533	32331	382365
17	Fuels Consumed	3	23	194	35	6	234	8	48	137	1079	15005
18	Material Consumed for Manufacturing	5	680	11824	1103	75	1306	1684	336	2	831	168598
19	Other Input	23	328	9525	669	16	1341	198	72	918	16366	98136
20	Total Input	31	1031	21543	1807	97	2881	1890	456	1057	18276	281739
21	Gross Value Added (GVA)	8	441	7872	1479	81	5038	-36	327	1476	14055	100626
22	Depreciation	8	13	451	102	20	345	95	18	41	2377	13548
23	Net Value Added (NVA)	0	428	7421	1377	61	4693	-131	309	1435	11678	87078
24	Net Fixed Capital Formation	-8	-12	-159	235	-19	61	-92	-14	-41	-1771	-283
25	Gross Fixed Capital Formation	0	1	292	337	1	406	3	4	0	606	13265
26.1	Addition in Stock of - Materials, Fuels etc.	-2	132	1252	158	-1	-301	66	7	1	-795	6176
26.2	Addition in Stock of Semi - Finished Goods	0	-160	114	1	1	-611	24	0	0	0	-125
26.3	Addition in Stock of - Finished Goods	0	0	113	-58	-2	24	-26	-1	0	-25	-1647
26.4	Addition in Stock of - Total	-2	-28	1479	101	-2	-888	64	6	1	-820	4404
27	Gross Capital Formation	-2	-27	1771	438	-1	-482	67	10	1	-214	17669
28	Net Income	0	273	7196	1243	60	4685	-258	302	1435	11327	80279
29	Profit	-27	70	630	669	-18	252	-533	101	-706	2157	6586

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21--District wise details

Kasaragod

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	104	105	107	110	120	131	139	141	161	162
1	No. of Factories (Nos.)	1	1	5	2	256	4	2	1	12	17
2	Factories in Operation (Nos.)	1	1	5	2	204	4	2	1	12	13
3	Fixed Capital	1791	131	635	336	519	1738	5	2	215	1381
4	Physical Working Capital	1298	2	6244	245	0	316	2	0	1499	2530
5	Working Capital	1013	-156	3800	129	-620	295	2	-5	941	3476
6	Invested Capital	3089	133	6879	581	519	2054	7	2	1714	3911
7	Gross Value of Additions to Fixed Capital	10	8	112	130	0	5	0	0	22	237
8	Rent Paid	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	2328	0	1047	621	0	51	12	0	262	1503
10	Interest Paid	262	7	244	20	0	5	2	0	7	254
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1	0	0	0	1	4	0	0	0	6
13	Gross Value of P&M	0	188	7	180	0	0	0	66	0	840
14	Value of Products & By-products	4174	600	17604	2401	0	965	11	0	586	5354
15	Other Output	29	238	1978	0	5588	13	1	34	116	688
16	Total Output	4203	838	19582	2401	5588	978	12	34	702	6042
17	Fuels Consumed	146	38	42	24	3	183	3	2	36	208
18	Material Consumed for Manufacturing	3078	374	14436	1660	9	378	6	0	629	3601
19	Other Input	132	401	2016	494	120	97	1	4	42	952
20	Total Input	3356	813	16494	2178	132	658	10	6	707	4761
21	Gross Value Added (GVA)	847	25	3088	223	5456	320	2	28	-5	1281
22	Depreciation	217	11	79	23	20	147	0	9	23	160
23	Net Value Added (NVA)	630	14	3009	200	5436	173	2	19	-28	1121
24	Net Fixed Capital Formation	-207	-20	24	107	-20	-142	0	-9	-2	68
25	Gross Fixed Capital Formation	10	-9	103	130	0	5	0	0	21	228
26.1	Addition in Stock of - Materials, Fuels etc.	-24	-35	2641	171	0	203	0	0	27	162
26.2	Addition in Stock of - Semi Finished Goods	544	0	0	0	0	-32	0	0	0	-314
26.3	Addition in Stock of - Finished Goods	7	-22	150	-63	0	-46	0	0	-72	-67
26.4	Addition in Stock of - Total	527	-57	2791	108	0	125	0	0	-45	-219
27	Gross Capital Formation	537	-66	2894	238	0	130	0	0	-24	9
28	Net Income	368	7	2765	180	5436	168	0	19	-35	867
29	Profit	28	-39	2340	36	126	-131	-10	-38	-120	630

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Kasaragod

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	170	181	191	221	222	239	241	259	310	Others	Total
1	No. of Factories (Nos.)	1	1	1	1	1	12	2	1	8	20	349
2	Factories in Operation (Nos.)	1	1	1	1	1	12	2	1	6	20	291
3	Fixed Capital	35	40	10	31	114	508	1682	18	395	2926	12512
4	Physical Working Capital	46	4	0	36	205	129	961	6	506	1992	16021
5	Working Capital	97	40	0	41	-16	171	713	69	440	9777	20207
6	Invested Capital	81	44	10	67	319	637	2643	24	901	4918	28533
7	Gross Value of Additions to Fixed Capital	0	2	0	0	60	14	0	0	8	217	825
8	Rent Paid	0	0	0	0	0	1	0	0	0	0	1
9	Outstanding Loan	0	0	0	3	29	145	2142	135	2347	0	10625
10	Interest Paid	0	0	0	0	3	17	162	10	75	7	1075
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	0	0	0	1	5	10	9	0	37
13	Gross Value of P&M	0	0	0	0	93	4	1232	0	0	616	3226
14	Value of Products & By-products	47	22	0	839	570	1663	0	521	499	0	35856
15	Other Output	0	32	0	0	723	88	102	0	11	4217	13858
16	Total Output	47	54	0	839	1293	1751	102	521	510	4217	49714
17	Fuels Consumed	2	5	0	12	35	38	21	3	20	120	941
18	Material Consumed for Manufacturing	22	9	0	791	560	674		435	338	146	27146
19	Other Input	2	14	0	17	586	221	91	35	60	1838	7123
20	Total Input	26	28	0	820	1181	933	112	473	418	2104	35210
21	Gross Value Added (GVA)	21	26	0	19	112	818	-10	48	92	2113	14504
22	Depreciation	5	6	0	2	24	71	296	3	55	196	1347
23	Net Value Added (NVA)	16	20	0	17	88	747	-306	45	37	1917	13157
24	Net Fixed Capital Formation	-5	-5	0	-2	36	-57	-296	-3	-92	-120	-745
25	Gross Fixed Capital Formation	0	1	0	0	60	14	0	0	-37	76	602
26.1	Addition in Stock of - Materials, Fuels etc.	-3	0	0	-39	59	-24	10	-1	-29	-546	2572
26.2	Addition in Stock of - Semi Finished Goods	-15	0	0	0	-2	0	0	-3	10	0	188
26.3	Addition in Stock of - Finished Goods	-10	0	0	-21	-42	-17	0	-2	49	0	-156
26.4	Addition in Stock of - Total	-28	0	0	-60	15	-41	10	-6	30	-546	2604
27	Gross Capital Formation	-28	1	0	-60	75	-27	10	-6	-7	-470	3206
28	Net Income	16	20	0	17	85	730	-468	35	-38	1910	12082
29	Profit	-4	-7	0	-25	2	508	-500	-1	-127	-31	2637

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Kannur		(Values in ₹ lakh unless otherwise mentioned)												
Sl.No.	Characteristic	101	103	104	105	106	107	108	110	120	131	139	141	143
1	No. of Factories (Nos.)	1	2	8	5	8	12	1	4	194	97	17	10	1
2	Factories in Operation (Nos.)	1	2	8	5	8	12	1	4	69	82	17	10	1
3	Fixed Capital	402	37	1335	7035	1554	3060	81	380	735	11355	2534	840	15
4	Physical Working Capital	0	32	958	1313	978	996	0	599	52	6149	1028	302	105
5	Working Capital	15	53	-535	1440	2041	729	400	27	-77	-11266	3215	101	18
6	Invested Capital	402	69	2293	8348	2532	4056	81	979	787	17504	3562	1142	120
7	Gross Value of Additions to Fixed Capital	0	0	48	934	138	35	90	14	0	400	618	103	2
8	Rent Paid	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	1213	5	64	190	2081	10	0	194	0	19400	258	588	0
10	Interest Paid	1	1	74	20	120	2591	0	90	0	1741	130	36	8
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	0	73	2	5	0	30	0	49	96	13	0
13	Gross Value of P&M	0	10	321	4353	1304	157	0	321	0	7887	155	172	92
14	Value of Products & By-products	10	172	3489	35406	5279	21917	40	2591	93	7775	5305	413	104
15	Other Output	0	6	254	2607	3652	180	0	26	2362	1933	176	2481	3
16	Total Output	10	178	3743	38013	8931	22097	40	2617	2455	9708	5481	2894	107
17	Fuels Consumed	2	2	143	537	233	211	1	50	1	797	134	67	9
18	Material Consumed for Manufacturing	7	142	2856	30004	3993	16510	1	2065	101	3619	2432	190	43
19	Other Input	2	17	343	3608	3900	1662	28	211	57	1632	1619	586	11
20	Total Input	11	161	3342	34149	8126	18383	30	2326	159	6048	4185	843	63
21	Gross Value Added (GVA)	-1	17	401	3864	805	3714	10	291	2296	3660	1296	2051	44
22	Depreciation	55	7	104	735	126	275	9	57	28	747	186	68	3
23	Net Value Added (NVA)	-56	10	297	3129	679	3439	1	234	2268	2913	1110	1983	41
24	Net Fixed Capital Formation	-55	-7	-57	24	12	-240	81	-43	-217	-349	432	29	-1
25	Gross Fixed Capital Formation	0	0	47	759	138	35	90	14	-189	398	618	97	2
26.1	Addition in Stock of - Materials, Fuels etc.	0	-13	38	22	-121	450	0	115	3	-260	50	4	-10
26.2	Addition in Stock of - Semi Finished Goods	0	0	0	61	0	0	0	17	0	-12	32	-10	19
26.3	Addition in Stock of - Finished Goods	0	-1	133	158	-77	-34	0	-10	-3	528	8	-101	-5
26.4	Addition in Stock of - Total	0	-14	171	241	-198	416	0	122	0	256	90	-107	4
27	Gross Capital Formation	0	-14	218	1000	-60	451	90	136	-189	654	708	-10	6
28	Net Income	-57	9	223	3109	559	848	1	144	2268	1172	980	1947	33
29	Profit	-58	-35	30	1456	130	80	-7	-146	-40	-3656	-4	96	-8

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Kannur		Values in ₹ lakh unless otherwise mentioned)														
Sl.No.	Characteristic	151	152	161	162	170	181	192	201	202	210	221	222	231	239	241
1	No. of Factories (Nos.)	2	2	42	122	4	8	1	2	3	4	5	24	1	56	2
2	Factories in Operation (Nos.)	2	2	30	102	4	8	1	2	3	4	5	20	1	50	2
3	Fixed Capital	6	591	326	4520	40	553	319	164	119	2261	969	2946	679	14460	225
4	Physical Working Capital	12	425	635	5114	48	83	24	30	185	768	168	1348	71	1274	95
5	Working Capital	9	1089	779	5833	74	314	-65	110	269	2479	129	6420	66	6619	254
6	Invested Capital	18	1016	961	9634	88	636	343	194	304	3029	1137	4294	750	15734	320
7	Gross Value of Additions to Fixed Capital	0	39	107	730	0	3	125	0	28	255	0	301	32	1476	4
8	Rent Paid	0	0	0	8	0	0	0	0	0	0	0	25	0	0	0
9	Outstanding Loan	0	0	79	3950	16	148	0	13	25	0	181	130	180	3992	1360
10	Interest Paid	1	0	12	270	0	25	0	0	12	0	10	32	19	632	13
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	1	27	0	1	0	2	1	10	0	30	1	38	0
13	Gross Value of P&M	0	0	0	3369	0	1161	0	330	97	1242	0	1718	0	0	449
14	Value of Products & By-products	39	1161	1738	16077	41	169	994	695	825	5835	284	8677	530	19551	0
15	Other Output	1	3379	315	1979	0	750	48	217	94	35	686	1159	6	2770	9
16	Total Output	40	4540	2053	18056	41	919	1042	912	919	5870	970	9836	536	22321	9
17	Fuels Consumed	0	50	82	2019	1	47	25	89	26	69	374	356	54	3448	7
18	Material Consumed for Manufacturing	25	423	1244	10615	19	301	756	524	722	4645	251	6847	308	4918	0
19	Other Input	3	546	80	2081	2	168	82	88	48	366	27	405	30	2860	23
20	Total Input	28	1019	1406	14715	22	516	863	701	796	5080	652	7608	392	11226	30
21	Gross Value Added (GVA)	12	3521	647	3341	19	403	179	211	123	790	318	2228	144	11095	-21
22	Depreciation	1	81	45	672	2	90	38	16	13	216	137	538	105	1961	28
23	Net Value Added (NVA)	11	3440	602	2669	17	313	141	195	110	574	181	1690	39	9134	-49
24	Net Fixed Capital Formation	-1	-42	18	39	-2	-83	87	-16	15	47	-136	-241	-73	-485	-25
25	Gross Fixed Capital Formation	0	39	63	711	0	7	125	0	28	263	1	297	32	1476	3
26	Addition in Stock of - Material, Fuels etc.	2	7	20	397	2	-30	0	-53	55	-24	27	277	1	-64	0
26	Addition in Stock of - Semi Finished Goods	0	61	0	-27	5	0	0	0	0	5	4	7	0	-78	0
26	Addition in Stock of - Finished Goods	0	6	-16	28	0	-8	-7	0	2	172	-10	84	0	183	-59
26	Addition in Stock of - Total	2	74	4	398	7	-38	-7	-53	57	153	21	368	1	41	-59
27	Gross Capital Formation	2	113	67	1109	7	-31	118	-53	85	416	22	665	33	1517	-56
28	Net Income	10	3440	590	2391	17	288	141	195	98	574	171	1632	20	8502	-62
29	Profit	-2	3080	131	374	-3	-44	76	73	22	110	-67	946	-43	2602	-62

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kannur****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	251	252	259	261	271	272	282	301	310	321	323	325	Others	Total
1	No. of Factories (Nos.)	3	1	4	1	1	1	8	2	22	2	1	1	45	730
2	Factories in Operation (Nos.)	3	1	4	1	1	1	8	2	22	2	1	1	45	548
3	Fixed Capital	220	181	140	736	22	41	977	334	2316	47	56	79	5676	68366
4	Physical Working Capital	118	40	417	1668	0	50	922	2864	1853	6	23	42	2141	32936
5	Working Capital	-90	22	549	-369	0	51	1993	182	3058	-5	242	-22	10402	36553
6	Invested Capital	338	221	557	2404	22	91	1899	3198	4169	53	79	121	7817	101302
7	Gross Value of Additions to Fixed Capital	17	18	16	208	0	13	9	4	203	1	1	2	464	6438
8	Rent Paid	0	0	0	0	0	0	0	0	0	0	0	0	41	74
9	Outstanding Loan	103	156	114	241	0	0	130	138	2154	4	0	87	321	37525
10	Interest Paid	10	14	9	450	0	0	4	8	220	1	3	48	26	6631
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	0	46	0	0	1	10	7	0	14	1	3	461
13	Gross Value of P&M	92	0	0	0	0	0	0	70	2079	0	171	265	1720	27535
14	Value of Products & By-products	259	294	4345	5674	0	77	1237	217	5761	189	150	556	550	158519
15	Other Output	50	0	42	971	0	0	111	170	1283	0	0	3	10328	38086
16	Total Output	309	294	4387	6645	0	77	1348	387	7044	189	150	559	10878	196605
17	Fuels Consumed	10	18	32	159	0	5	18	4	498	2	7	16	172	9775
18	Material Consumed for Manufacturing	186	225	4061	3405	0	62	953	194	3191	145	74	112	1802	107971
19	Other Input	32	8	98	647	0	3	65	68	853	2	11	100	4057	26429
20	Total Input	228	251	4191	4211	0	70	1036	266	4542	149	92	228	6031	144175
21	Gross Value Added (GVA)	81	43	196	2434	0	7	312	121	2502	40	58	331	4847	52430
22	Depreciation	17	23	18	95	2	2	107	25	236	3	7	41	519	7438
23	Net Value Added (NVA)	64	20	178	2339	-2	5	205	96	2266	37	51	290	4328	44992
24	Net Fixed Capital Formation	-3	-5	-1	132	-2	11	-98	-20	-50	-2	-7	-135	-76	-1545
25	Gross Fixed Capital Formation	14	18	17	227	0	13	9	5	186	1	0	-94	443	5893
26	Addition in Stock of - Materials, Fuels etc.	0	2	258	-112	0	45	275	1	-69	-2	-6	-29	-199	1059
26	Addition in Stock of - Semi Finished Goods	-2	0	1	-59	0	0	-8	0	63	-2	-1	0	0	76
26	Addition in Stock of - Finished Goods	0	0	1	-354	0	0	-96	233	285	-1	-15	0	3	1027
26	Addition in Stock of - Total	-2	2	260	-525	0	45	171	234	279	-5	-22	-29	-196	2162
27	Gross Capital Formation	12	20	277	-298	0	58	180	239	465	-4	-22	-123	247	8055
28	Net Income	54	6	169	1889	-2	5	201	88	2046	36	48	242	4261	38286
29	Profit	-5	-15	43	-6	-2	-4	-118	-57	-4	9	1	-45	652	5480

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Wayanad

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	101	105	107	152	161	162	170	181	202	210	222	239	Others	Total
1	No. of Factories (Nos.)	1	3	29	1	3	3	1	2	4	2	1	12	8	70
2	Factories in Operation (Nos.)	1	3	29	1	3	3	1	2	4	2	1	9	8	67
3	Fixed Capital	1748	3067	46267	771	62	29	29	67	1838	34	153	1562	1214	56841
4	Physical Working Capital	116	1220	3775	649	195	33	0	21	1510	43	38	43	162	7805
5	Working Capital	35	135	1520	552	107	13	0	35	1324	61	70	252	646	4750
6	Invested Capital	1864	4287	50042	1420	257	62	29	88	3348	77	191	1605	1376	64646
7	Gross Value of Additions to Fixed Capital	31	1212	295	96	20	0	0	0	193	10	9	130	16	2012
8	Rent Paid	0	0	0	0	0	0	0	0	0	0	1	5	0	6
9	Outstanding Loan	501	2607	13134	584	64	0	0	101	231	5	0	1568	0	18795
10	Interest Paid	289	0	101	105	13	0	0	12	13	1	0	39	0	573
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	2	15	13	3	0	0	0	0	4	0	0	0	0	37
13	Gross Value of P&M	0	3802	5755	872	0	0	0	36	187	0	71	0	144	10867
14	Value of Products & By-products	883	22006	47047	2923	56	151	0	156	14950	113	192	1656	4	90137
15	Other Output	358	17577	284	252	85	37	0	8	46	222	34	160	2260	21323
16	Total Output	1241	39583	47331	3175	141	188	0	164	14996	335	226	1816	2264	111460
17	Fuels Consumed	90	388	2338	33	4	13	0	1	191	4	11	311	44	3428
18	Material Consumed for Manufacturing	984	20734	29098	1823	36	84	0	55	10675	72	113	235	380	64289
19	Other Input	400	16144	1908	605	64	31	0	30	242	188	41	791	1475	21919
20	Total Input	1474	37266	33344	2461	104	128	0	86	11108	264	165	1337	1899	89636
21	Gross Value Added (GVA)	-233	2317	13987	714	37	60	0	78	3888	71	61	479	365	21824
22	Depreciation	129	303	457	97	6	3	2	12	212	5	19	213	129	1587
23	Net Value Added (NVA)	-362	2014	13530	617	31	57	-2	66	3676	66	42	266	236	20237
24	Net Fixed Capital Formation	-98	880	-267	-29	11	-47	-2	-12	-52	-1	-11	-201	-114	57
25	Gross Fixed Capital Formation	31	1183	190	68	17	-44	0	0	160	4	8	12	15	1644
26.1	Addition in Stock of - Materials ,Fuels etc.	0	108	160	51	-23	-3	0	3	186	13	11	-26	5	485
26.2	Addition in Stock of - Semi Finished Goods	0	62	-3	44	0	0	0	0	9	0	0	0	0	112
26.3	Addition in Stock of - Finished Goods	-28	136	146	-5	10	15	0	0	175	4	3	0	0	456
26.4	Addition in Stock of - Total	-28	306	303	90	-13	12	0	3	370	17	14	-26	5	1053
27	Gross Capital Formation	3	1489	493	158	4	-32	0	3	530	21	22	-14	20	2697
28	Net Income	-651	2014	13429	512	18	57	-2	54	3662	65	41	222	236	19657
29	Profit	-941	911	5477	96	8	4	-2	13	3037	4	0	-68	-194	8345

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kozhikode****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	120	131
1	No. of Factories (Nos.)	1	11	12	6	6	8	1	1	12	21
2	Factories in Operation (Nos.)	1	6	12	6	6	8	1	1	12	21
3	Fixed Capital	547	268	1177	2256	5165	356	44	403	100	1301
4	Physical Working Capital	189	251	127	1449	6317	50	2	1	92	903
5	Working Capital	177	705	-1023	343	4913	362	109	-175	0	-7091
6	Invested Capital	736	519	1304	3705	11482	406	46	404	192	2204
7	Gross Value of Additions to Fixed Capital	26	19	2	261	1807	18	0	28	1	6
8	Rent Paid	0	0	0	0	0	0	0	18	0	0
9	Outstanding Loan	440	119	2411	918	4651	52	158	0	1	81
10	Interest Paid	30	0	159	31	281	14	0	20	2	539
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	6	3	5	25	40	0	1	0	8
13	Gross Value of P&M	533	311	1359	3396	4026	0	228	0	0	3067
14	Value of Products & By-products	2150	842	677	35295	35024	1484	65	0	287	2922
15	Other Output	2	282	686	2902	17679	104	1	678	163	173
16	Total Output	2152	1124	1363	38197	52703	1588	66	678	450	3095
17	Fuels Consumed	176	41	45	513	706	53	9	17	1	444
18	Material Consumed for Manufacturing	1698	500	472	31582	29976	958	63	9	58	1487
19	Other Input	123	341	157	4414	18139	146	2	191	172	212
20	Total Input	1997	882	674	36509	48821	1157	74	217	231	2143
21	Gross Value Added (GVA)	155	242	689	1688	3882	431	-8	461	219	952
22	Depreciation	70	39	147	363	578	46	3	54	6	49
23	Net Value Added (NVA)	85	203	542	1325	3304	385	-11	407	213	903
24	Net Fixed Capital Formation	-44	-19	-145	-108	1086	-29	-3	-26	-4	-44
25	Gross Fixed Capital Formation	26	20	2	255	1664	17	0	28	2	5
26.1	Addition in Stock of - Materials Fuels etc.	-3	11	0	55	2047	12	0	0	0	-13
26.2	Addition in Stock of - Semi Finished Goods	0	-21	0	9	0	0	0	0	0	84
26.3	Addition in Stock of - Finished Goods	149	20	1	190	119	-1	-2	0	7	116
26.4	Addition in Stock of - Total	146	10	1	254	2166	11	-2	0	7	187
27	Gross Capital Formation	172	30	3	509	3830	28	-2	28	9	192
28	Net Income	55	203	383	1294	3023	371	-11	369	211	364
29	Profit	-52	-79	166	-500	1642	38	-17	73	-56	-804

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kozhikode****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	139	141	151	152	161	162	170	181	192	201	202	210
1	No. of Factories (Nos.)	12	2	1	102	35	20	9	12	1	1	5	8
2	Factories in Operation (Nos.)	12	1	0	95	25	10	9	12	1	0	5	8
3	Fixed Capital	508	57	0	14605	37	29	507	1435	37	0	907	386
4	Physical Working Capital	38	313	0	13453	0	165	490	326	0	0	1396	612
5	Working Capital	234	735	0	14705	2	255	616	96	5	0	1186	925
6	Invested Capital	546	370	0	28058	37	194	997	1761	37	0	2303	998
7	Gross Value of Additions to Fixed Capital	105	9	0	1895	0	0	127	0	0	0	150	20
8	Rent Paid	0	0	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	67	368	0	5911	0	33	280	265	0	0	261	524
10	Interest Paid	0	35	0	919	0	0	21	69	0	0	31	3
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	0	33	0	0	0	0	0	0	2	0
13	Gross Value of P&M	7	0	0	10596	0	16	0	2725	25	0	0	526
14	Value of Products & By-products	265	1603	0	53235	0	492	1560	87	0	0	7974	1453
15	Other Output	15	13	0	2740	101	2	285	1734	128	0	3705	358
16	Total Output	280	1616	0	55975	101	494	1845	1821	128	0	11679	1811
17	Fuels Consumed	11	16	0	580	26	8	31	26	14	0	208	65
18	Material Consumed for Manufacturing	134	898	0	34900	2	385	1074	1012		0	5988	722
19	Other Input	22	424	0	7091	27	36	104	220	23	0	3828	497
20	Total Input	167	1338	0	42571	55	429	1209	1258	37	0	10024	1284
21	Gross Value Added (GVA)	113	278	0	13404	46	65	636	563	91	0	1655	527
22	Depreciation	90	11	0	2312	2	3	54	190	2	0	155	57
23	Net Value Added (NVA)	23	267	0	11092	44	62	582	373	89	0	1500	470
24	Net Fixed Capital Formation	-14	-2	0	-888	-2	-3	128	-190	-2	0	-10	-37
25	Gross Fixed Capital Formation	76	9	0	1424	0	0	182	0	0	0	145	20
26.1	Addition in Stock of - Materials, Fuels etc.	2	19	0	2117	0	9	57	24	0	0	437	0
26.2	Addition in Stock of - Semi Finished Goods	0	0	0	649	0	9	0	0	0	0	16	50
26.3	Addition in Stock of - Finished Goods	-13	14	0	259	0	19	-7	0	0	0	129	40
26.4	Addition in Stock of - Total	-11	33	0	3025	0	37	50	24	0	0	582	90
27	Gross Capital Formation	65	42	0	4449	0	37	232	24	0	0	727	110
28	Net Income	23	232	0	10173	44	62	561	304	89	0	1469	467
29	Profit	-108	94	0	3524	10	8	220	15	2	0	281	58

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kozhikode****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	221	222	239	241	243	251	259	266
1	No. of Factories (Nos.)	9	12	35	7	5	1	1	1
2	Factories in Operation (Nos.)	9	12	34	6	5	1	1	1
3	Fixed Capital	1384	379	13650	2885	12654	1098	19	167
4	Physical Working Capital	2707	175	1277	2220	3801	316	24	202
5	Working Capital	976	178	-6921	1109	10008	-632	25	526
6	Invested Capital	4091	554	14927	5105	16455	1414	43	369
7	Gross Value of Additions to Fixed Capital	164	233	6	29	1808	55	0	12
8	Rent Paid	0	0	0	1	0	0	0	0
9	Outstanding Loan	0	90	3742	114	2083	338	4	0
10	Interest Paid	0	7	153	80	131	107	0	6
11	Rent Received	0	0	0	0	0	0	0	0
12	Interest Received	0	0	1	87	22	2	0	0
13	Gross Value of P&M	1191	27	199	3434	4281	1004	0	243
14	Value of Products & By-products	18267	571	6535	20909	24181	7952	4	552
15	Other Output	762	117	345	1453	1025	0	0	7
16	Total Output	19029	688	6880	22362	25206	7952	4	559
17	Fuels Consumed	161	45	455	2380	1751	253	0	4
18	Material Consumed for Manufacturing	14649	320	3631	16387	10662	7102	3	371
19	Other Input	737	64	996	1265	5960	103	3	59
20	Total Input	15547	429	5082	20032	18373	7458	6	434
21	Gross Value Added (GVA)	3482	259	1798	2330	6833	494	-2	125
22	Depreciation	104	37	636	248	713	66	0	23
23	Net Value Added (NVA)	3378	222	1162	2082	6120	428	-2	102
24	Net Fixed Capital Formation	60	197	-630	-220	0	-10	0	-11
25	Gross Fixed Capital Formation	164	234	6	28	713	56	0	12
26.1	Addition in Stock of - Materials, Fuels etc.	622	-23	-84	-538	-109	-42	10	9
26.2	Addition in Stock of - Semi Finished Goods	0	0	5	0	0	0	0	-9
26.3	Addition in Stock of - Finished Goods	-127	-4	-191	430	-1387	109	0	22
26.4	Addition in Stock of - Total	495	-27	-270	-108	-1496	67	10	22
27	Gross Capital Formation	659	207	-264	-80	-783	123	10	34
28	Net Income	3378	215	1009	2002	5989	321	-2	96
29	Profit	2785	58	-926	455	1998	105	-6	-98

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kozhikode****lues in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	272	282	303	310	325	331	383	581	Others	Total
1	No. of Factories (Nos.)	3	5	1	8	2	3	1	17	70	468
2	Factories in Operation (Nos.)	3	5	1	8	2	3	1	16	70	430
3	Fixed Capital	181	133	240	292	39	22	12	27672	13599	104551
4	Physical Working Capital	712	122	79	506	48	45	0	5794	9736	53938
5	Working Capital	372	682	187	725	433	99	0	-1266	2402	25982
6	Invested Capital	893	255	319	798	87	67	12	33466	23335	158489
7	Gross Value of Additions to Fixed Capital	8	19	5	42	0	0	0	2337	431	9623
8	Rent Paid	0	0	0	0	0	0	0	0	0	19
9	Outstanding Loan	537	288	1360	200	83	0	0	5325	1693	32397
10	Interest Paid	61	3	80	55	8	0	0	2462	240	5547
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	2	0	14	0	0	0	420	24	695
13	Gross Value of P&M	63	0	191	62	255	52	0	53654	2041	93512
14	Value of Products & By-products	2042	1611	0	501	569	0	0	25172	0	254281
15	Other Output	26	6	580	6762	103	572	34	18904	38950	101397
16	Total Output	2068	1617	580	7263	672	572	34	44076	38950	355678
17	Fuels Consumed	42	22	17	22	7	2	2	1046	465	9664
18	Material Consumed for Manufacturing	1630	995	128	369	220	6	0	13198	3146	184735
19	Other Input	86	138	104	6540	95	507	23	5554	25676	84079
20	Total Input	1758	1155	249	6931	322	515	25	19798	29287	278478
21	Gross Value Added (GVA)	310	462	331	332	350	57	9	24278	9663	77200
22	Depreciation	24	22	82	77	8	0	1	6549	1238	14059
23	Net Value Added (NVA)	286	440	249	255	342	57	8	17729	8425	63141
24	Net Fixed Capital Formation	-36	-3	-77	-33	-11	-10	-1	-4283	-849	-6273
25	Gross Fixed Capital Formation	-12	19	5	44	-3	-10	0	2266	389	7786
26.1	Addition in Stock of - Materials, Fuels etc.	48	35	11	-69	-4	-1	0	4	-663	3980
26.2	Addition in Stock of - Semi Finished Goods	173	-5	0	-11	0	0	0	0	0	949
26.3	Addition in Stock of - Finished Goods	-90	-7	0	-11	-1	0	0	0	-7	-224
26.4	Addition in Stock of - Total	131	23	11	-91	-5	-1	0	4	-670	4705
27	Gross Capital Formation	119	42	16	-47	-8	-11	0	2270	-281	12491
28	Net Income	225	437	169	199	334	57	8	15267	8185	57575
29	Profit	60	152	44	93	247	-16	2	2325	1640	13433

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Malappuram**

(Values in ₹ lakh unless otherwise mentioned)

Sl.No	Characteristic	103	104	105	106	107	108	110	120	131	139
1	No. of Factories (Nos.)	8	5	8	8	23	3	3	12	5	1
2	Factories in Operation (Nos.)	8	5	8	8	23	3	3	8	5	1
3	Fixed Capital	872	2391	1592	2389	3016	326	150	1	3285	230
4	Physical Working Capital	396	17159	1049	1133	768	9	20	59	880	104
5	Working Capital	404	5214	229	2865	1192	-221	19	148	-12403	-351
6	Invested Capital	1268	19550	2641	3522	3784	335	170	60	4165	334
7	Gross Value of Additions to Fixed Capital	77	593	91	952	440	70	0	0	450	13
8	Rent Paid	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	540	2066	387	2012	2110	29	2	5	7697	69
10	Interest Paid	34	497	16	389	85	36	0	0	1414	44
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	151	2	67	0	0	0	0	2	0
13	Gross Value of P&M	0	3302	33	1123	903	0	0	0	6008	0
14	Value of Products & By-products	8197	105486	5932	14725	7693	386	30	195	4948	1000
15	Other Output	150	11727	570	20252	508	21	0	0	24	0
16	Total Output	8347	117213	6502	34977	8201	407	30	195	4972	1000
17	Fuels Consumed	101	1962	312	461	330	106	11	4	808	16
18	Material Consumed for Manufacturing	7707	97979	3851	11601	6083	73	7	172	2279	869
19	Other Input	221	11989	875	20248	439	79	4	7	353	14
20	Total Input	8029	111930	5038	32310	6852	258	22	183	3440	899
21	Gross Value Added (GVA)	318	5283	1464	2667	1349	149	8	12	1532	101
22	Depreciation	84	339	240	145	428	47	16	0	249	26
23	Net Value Added (NVA)	234	4944	1224	2522	921	102	-8	12	1283	75
24	Net Fixed Capital Formation	-7	247	-148	802	-128	9	-16	0	199	-13
25	Gross Fixed Capital Formation	77	586	92	947	300	56	0	0	448	13
26.1	Addition in Stock of - Materials, Fuels etc.	105	4481	-248	-24	283	0	2	4	182	23
26.2	Addition in Stock of - Semi Finished Goods	0	29	-266	48	0	0	0	0	73	0
26.3	Addition in Stock of - Finished Goods	113	1126	63	-28	15	6	3	8	26	9
26.4	Addition in Stock of - Total	218	5636	-451	-4	298	6	5	12	281	32
27	Gross Capital Formation	295	6222	-359	943	598	62	5	12	729	45
28	Net Income	200	4447	1208	2133	836	66	-8	12	-131	31
29	Profit	115	2,952	354	1,434	-178	-9	-15	3	-1,748	5

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Malappuram**

(Values in ₹ lakh unless otherwise mentioned)

Sl.N o.	Characteristic	141	143	152	161	162	170	181	192	201
1	No. of Factories (Nos.)	5	1	32	15	8	13	3	1	2
2	Factories in Operation (Nos.)	5	1	32	15	8	13	3	1	2
3	Fixed Capital	1972	406	2221	71	338	1026	568	5425	189
4	Physical Working Capital	3762	0	2437	46	366	969	326	1140	182
5	Working Capital	2034	0	1208	169	12	888	216	1140	15
6	Invested Capital	5734	406	4658	117	704	1995	894	6565	371
7	Gross Value of Additions to Fixed Capital	479	0	257	0	3	515	55	3147	59
8	Rent Paid	0	0	5	0	0	0	2	0	0
9	Outstanding Loan	2422	0	1757	0	386	518	369	0	139
10	Interest Paid	472	0	343	0	51	84	150	0	20
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	3	0	4	0	0	0	1	0	1
13	Gross Value of P&M	244	0	2673	0	61	0	2810	6764	0
14	Value of Products & By-products	5346	0	14286	900	1529	4810	490	79853	868
15	Other Output	1940	0	466	93	45	17	1507	0	261
16	Total Output	7286	0	14752	993	1574	4827	1997	79853	1129
17	Fuels Consumed	81	0	226	12	100	119	81	158	113
18	Material Consumed for Manufacturing	1871	0	10118	775	1079	3821	397	79918	627
19	Other Input	2829	0	1971	57	67	283	63	343	281
20	Total Input	4781	0	12315	844	1246	4223	541	80419	1021
21	Gross Value Added (GVA)	2505	0	2437	149	328	604	1456	-566	108
22	Depreciation	224	42	362	11	39	163	217	428	28
23	Net Value Added (NVA)	2281	-42	2075	138	289	441	1239	-994	80
24	Net Fixed Capital Formation	178	-42	-145	-11	-37	354	-164	2719	32
25	Gross Fixed Capital Formation	402	0	217	0	2	517	53	3147	60
26.1	Addition in Stock of - Materials, Fuels etc.	-527	0	113	0	-44	571	92	694	141
26.2	Addition in Stock of - Semi Finished Goods	-2	0	204	0	0	3	0	0	0
26.3	Addition in Stock of - Finished Goods	338	0	-158	-16	4	-62	0	26	-3
26.4	Addition in Stock of - Total	-191	0	159	-16	-40	512	92	720	138
27	Gross Capital Formation	211	0	376	-16	-38	1029	145	3867	198
28	Net Income	1809	-42	1728	138	238	357	1087	-994	60
29	Profit	5	-42	305	41	57	84	715	-2232	31

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Malappuram****(Values in ₹ lakh unless otherwise mentioned)**

SL.N o.	Characteristic	210	221	222	239	251	259	261
1	No. of Factories (Nos.)	19	9	12	43	2	2	1
2	Factories in Operation (Nos.)	19	9	12	43	2	2	1
3	Fixed Capital	4674	3299	1000	5418	170	24	293
4	Physical Working Capital	8770	2922	776	276	78	134	166
5	Working Capital	16666	1527	2031	2558	60	155	49
6	Invested Capital	13444	6221	1776	5694	248	158	459
7	Gross Value of Additions to Fixed Capital	820	274	64	231	159	3	106
8	Rent Paid	0	0	0	413	0	0	0
9	Outstanding Loan	372	1580	764	2066	122	104	201
10	Interest Paid	42	248	7	232	2	1	59
11	Rent Received	0	0	0	0	0	0	0
12	Interest Received	529	4	1	2	0	0	0
13	Gross Value of P&M	310	3006	0	23	0	0	507
14	Value of Products & By-products	31378	13307	3793	17592	633	176	887
15	Other Output	3228	2464	34	275	10	28	206
16	Total Output	34606	15771	3827	17867	643	204	1093
17	Fuels Consumed	1138	1217	201	1972	3	9	7
18	Material Consumed for Manufacturing	15097	11451	2492	8365	517	128	342
19	Other Input	3751	655	304	2217	25	44	204
20	Total Input	19986	13323	2997	12554	545	181	553
21	Gross Value Added (GVA)	14620	2448	830	5313	98	23	540
22	Depreciation	356	315	83	864	23	2	34
23	Net Value Added (NVA)	14264	2133	747	4449	75	21	506
24	Net Fixed Capital Formation	705	-41	-12	-634	133	1	72
25	Gross Fixed Capital Formation	1061	274	71	230	156	3	106
26.1	Addition in Stock of - Materials, Fuels etc.	-293	323	82	-70	18	42	4
26.2	Addition in Stock of - Semi Finished Goods	439	9	-23	7	0	2	-37
26.3	Addition in Stock of - Finished Goods	392	214	-221	-22	7	-2	0
26.4	Addition in Stock of - Total	538	546	-162	-85	25	42	-33
27	Gross Capital Formation	1599	820	-91	145	181	45	73
28	Net Income	14222	1885	740	3803	73	20	447
29	Profit	10201	960	113	1369	16	5	112

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details
Malappuram (Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	271	273	279	292	293	303	310	321	581	Others	Total
1	No. of Factories (Nos.)	1	1	1	1	2	1	30	4	1	54	340
2	Factories in Operation (Nos.)	1	1	1	1	2	1	30	4	1	48	330
3	Fixed Capital	351	59	17	13	473	450	729	426	227	5989	50080
4	Physical Working Capital	82	283	61	43	195	6	5380	1625	65	1550	53217
5	Working Capital	-270	272	1	26	-151	9	1614	1565	196	3225	32311
6	Invested Capital	433	342	78	56	668	456	6109	2051	292	7539	103297
7	Gross Value of Additions to Fixed Capital	1	0	0	0	208	0	145	45	0	97	9354
8	Rent Paid	0	0	0	0	0	0	6	0	0	149	575
9	Outstanding Loan	0	94	7	17	20	0	3747	665	0	144	30411
10	Interest Paid	2	11	1	0	0	0	31	23	0	14	4308
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	0	0	0	0	1	0	0	0	768
13	Gross Value of P&M	0	91	0	0	0	300	166	54	0	909	29287
14	Value of Products & By-products	132	560	75	18	744	8	2837	8257	1073	-5	338139
15	Other Output	522	0	0	1	558	1	3	863	295	13031	59100
16	Total Output	654	560	75	19	1302	9	2840	9120	1368	13026	397239
17	Fuels Consumed	6	6	1	0	11	7	188	30	17	255	10069
18	Material Consumed for Manufacturing	73	392	42	8	468	4	1329	7776	395	461	278567
19	Other Input	484	26	14	1	632	14	385	730	151	7566	57326
20	Total Input	563	424	57	9	1111	25	1902	8536	563	8282	345962
21	Gross Value Added (GVA)	91	136	18	10	191	-16	938	584	805	4744	51277
22	Depreciation	55	12	3	1	51	43	95	32	36	670	5763
23	Net Value Added (NVA)	36	124	15	9	140	-59	843	552	769	4074	45514
24	Net Fixed Capital Formation	-54	-12	-3	-1	144	-43	24	7	-36	-572	3507
25	Gross Fixed Capital Formation	1	0	0	0	195	0	119	39	0	98	9270
26.1	Addition in Stock of - Materials, Fuels etc.	9	-51	-2	0	13	2	-161	-6	10	-492	5276
26.2	Addition in Stock of - Semi Finished Goods	1	-14	0	0	6	0	-7	218	0	0	690
26.3	Addition in Stock of - Finished Goods	-36	-23	1	0	95	0	-1990	-117	0	0	-232
26.4	Addition in Stock of - Total	-26	-88	-1	0	114	2	-2158	95	10	-492	5734
27	Gross Capital Formation	-25	-88	-1	0	309	2	-2039	134	10	-394	15004
28	Net Income	34	113	14	9	140	-59	806	529	769	3911	40631
29	Profit	-169	41	1	0	11	-81	-133	181	287	1247	16038

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Palakkad****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	131	139	141	161
1	No. of Factories (Nos.)	1	3	8	8	31	21	2	13	8	8	8	42
2	Factories in Operation (Nos.)	1	3	8	8	31	21	2	13	8	8	6	42
3	Fixed Capital	379	474	2768	6182	5335	7112	3781	8207	25353	398	825	248
4	Physical Working Capital	115	115	603	3855	15473	692	1068	2417	4932	94	338	396
5	Working Capital	-185	364	160	840	7957	-2616	-1638	3029	-5885	111	-1	634
6	Invested Capital	494	589	3371	10037	20808	7804	4849	10624	30285	492	1163	644
7	Gross Value of Additions to Fixed Capital	0	123	1548	471	270	1449	1331	894	676	53	117	46
8	Rent Paid	0	0	0	0	0	0	0	0	0	1	0	0
9	Outstanding Loan	176	774	554	1716	5050	21595	45	1418	11247	317	500	11
10	Interest Paid	26	65	46	167	1348	530	8	333	2253	27	77	13
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	2	15	0	9	138	1	3	127	58	0	1	0
13	Gross Value of P&M	541	96	0	6296	4157	5005	1784	16576	32587	0	261	0
14	Value of Products & By-products	793	823	10122	44802	39693	8058	11988	25363	22884	1507	2532	4047
15	Other Output	1	95	9	6532	49287	1	1312	1441	6901	44	14	150
16	Total Output	794	918	10131	51334	88980	8059	13300	26804	29785	1551	2546	4197
17	Fuels Consumed	39	52	92	776	1486	259	287	586	4182	50	307	65
18	Material Consumed for Manufacturing	738	652	9277	41815	36083	3659	10021	15292	15261	1060	1247	3395
19	Other Input	44	60	352	6170	45669	2740	411	3095	2313	126	180	151
20	Total Input	821	764	9721	48761	83238	6658	10719	18973	21756	1236	1734	3611
21	Gross Value Added (GVA)	-27	154	410	2573	5742	1401	2581	7831	8029	315	812	586
22	Depreciation	53	68	66	456	696	310	349	819	1999	74	100	26
23	Net Value Added (NVA)	-80	86	344	2117	5046	1091	2232	7012	6030	241	712	560
24	Net Fixed Capital Formation	-53	-18	883	-27	-428	342	981	64	-1716	-49	-1	20
25	Gross Fixed Capital Formation	0	50	949	429	268	652	1330	883	283	25	99	46
26.1	Addition in Stock of - Materials, Fuels etc.	-42	-90	-122	-247	2602	-25	327	-382	289	23	-42	41
26.2	Addition in Stock of - Semi Finished Goods	0	0	0	38	-6	0	0	-107	168	0	0	0
26.3	Addition in Stock of - Finished Goods	-56	-58	-18	1344	2605	60	-128	-85	-998	18	-68	18
26.4	Addition in Stock of - Total	-98	-148	-140	1135	5201	35	199	-574	-541	41	-110	59
27	Gross Capital Formation	-98	-98	809	1564	5469	687	1529	309	-258	66	-11	105
28	Net Income	-106	21	298	1950	3698	561	2224	6679	3777	213	635	547
29	Profit	-218	-29	163	165	1964	-86	1414	3788	-862	85	412	134

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Palakkad		(Values in ₹ lakh unless otherwise mentioned)											
Sl.No.	Characteristic	162	170	181	192	201	202	203	210	221	222	231	239
1	No. of Factories (Nos.)	24	9	4	5	12	14	1	23	34	41	2	64
2	Factories in Operation (Nos.)	24	9	4	5	12	14	1	23	34	41	2	64
3	Fixed Capital	1578	2029	394	18928	1078	1324	6	2434	15548	10819	1311	51256
4	Physical Working Capital	339	582	147	1162	501	1154	0	5137	4420	5629	282	30648
5	Working Capital	171	-170	1837	920	541	4279	23	4659	12135	2102	683	26379
6	Invested Capital	1917	2611	541	20090	1579	2478	6	7571	19968	16448	1593	81904
7	Gross Value of Additions to Fixed Capital	656	149	60	582	3	153	0	213	2671	793	211	11659
8	Rent Paid	0	0	0	14	0	0	0	0	113	4	0	233
9	Outstanding Loan	274	556	45	600	158	2419	0	2055	12481	5001	1331	22002
10	Interest Paid	5	91	3	55	82	358	0	379	49	564	43	1825
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	35
12	Interest Received	1	6	21	0	0	0	1	21	169	25	29	515
13	Gross Value of P&M	0	1386	0	2534	0	409	0	1782	19023	8020	780	32040
14	Value of Products & By-products	8101	3578	1521	2510	1869	19199	0	10522	79727	33619	3135	141690
15	Other Output	273	189	52	1893	6	5097	48	759	907	6631	355	1950
16	Total Output	8374	3767	1573	4403	1875	24296	48	11281	80634	40250	3490	143640
17	Fuels Consumed	282	500	27	175	29	337	1	447	3578	2055	336	14738
18	Material Consumed for Manufacturing	6782	2481	770	2372	1547	14960	0	5625	62157	26208	1941	68208
19	Other Input	262	249	203	1087	46	6206	3	2210	3896	5140	197	20020
20	Total Input	7326	3230	1000	3634	1622	21503	4	8282	69631	33403	2474	102966
21	Gross Value Added (GVA)	1048	537	573	769	253	2793	44	2999	11003	6847	1016	40674
22	Depreciation	177	145	50	135	104	158	0	336	1239	1006	271	6216
23	Net Value Added (NVA)	871	392	523	634	149	2635	44	2663	9764	5841	745	34458
24	Net Fixed Capital Formation	479	3	10	448	-111	-8	0	-75	1281	-370	-60	4791
25	Gross Fixed Capital Formation	656	148	60	583	-7	150	0	261	2520	636	211	11007
26.1	Addition in Stock of - Materials, Fuels etc.	62	125	-47	97	-11	296	0	522	-666	326	11	6649
26.2	Addition in Stock of - Semi Finished Goods	0	-16	-12	-279	0	0	0	222	176	-216	0	-1754
26.3	Addition in Stock of - Finished Goods	46	-17	-69	47	-83	9	0	29	608	1593	-21	-1585
26.4	Addition in Stock of - Total	108	92	-128	-135	-94	305	0	773	118	1703	-10	3310
27	Gross Capital Formation	764	240	-68	448	-101	455	0	1034	2638	2339	201	14317
28	Net Income	866	301	520	565	67	2277	44	2284	9602	5273	702	32402
29	Profit	385	-230	144	-222	-65	1687	44	-1006	6291	1070	265	13992

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Palakkad****Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	241	242	243	251	259	261	263	266	271	272	273
1	No. of Factories (Nos.)	34	3	6	8	33	1	2	1	4	4	1
2	Factories in Operation (Nos.)	34	3	6	8	33	1	2	1	4	4	1
3	Fixed Capital	20809	30704	1407	2984	2385	196	15853	379	261	201	26
4	Physical Working Capital	18376	14038	931	3215	2288	269	5316	6225	163	387	118
5	Working Capital	-23411	-30	-566	1639	645	405	11712	5127	-125	75	-189
6	Invested Capital	39185	44742	2338	6199	4673	465	21169	6604	424	588	144
7	Gross Value of Additions to Fixed Capital	3927	255	8	232	424	90	260	15	74	45	1
8	Rent Paid	0	0	3	89	0	0	0	0	0	0	0
9	Outstanding Loan	11537	3500	298	4727	898	584	529	0	193	193	198
10	Interest Paid	1151	1946	161	675	289	40	1055	0	32	24	30
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	184	38	3	1	1	1	5	0	1	0	0
13	Gross Value of P&M	23367	15640	2040	1849	1589	0	13567	359	70	98	35
14	Value of Products & By-products	143673	8641	7743	36755	8741	317	5202	10649	501	748	599
15	Other Output	28297	130	634	948	709	3	2977	274	9	83	2
16	Total Output	171970	8771	8377	37703	9450	320	8179	10923	510	831	601
17	Fuels Consumed	16187	1248	88	170	531	6	194	20	3	68	22
18	Material Consumed for Manufacturing	123208	4775	7141	35514	5723	174	3307	7105	294	511	408
19	Other Input	25135	395	449	714	1215	26	1688	3155	53	90	35
20	Total Input	164530	6418	7678	36398	7469	206	5189	10280	350	669	465
21	Gross Value Added (GVA)	7440	2353	699	1305	1981	114	2990	643	160	162	136
22	Depreciation	1262	756	223	277	225	16	1163	50	12	29	4
23	Net Value Added (NVA)	6178	1597	476	1028	1756	98	1827	593	148	133	132
24	Net Fixed Capital Formation	2639	-891	-215	-64	158	74	-903	-28	62	16	-4
25	Gross Fixed Capital Formation	3901	-135	8	213	383	90	260	22	74	45	0
26.1	Addition in Stock of - Materials, Fuels etc.	2619	-2309	311	-158	-139	39	-84	947	-18	152	-9
26.2	Addition in Stock of - Semi Finished Goods	0	0	0	20	51	0	-632	239	0	0	0
26.3	Addition in Stock of - Finished Goods	185	605	-85	-45	360	10	1366	1092	-40	-46	0
26.4	Addition in Stock of - Total	2804	-1704	226	-183	272	49	650	2278	-58	106	-9
27	Gross Capital Formation	6705	-1839	234	30	655	139	910	2300	16	151	-9
28	Net Income	5027	-349	313	264	1467	58	772	593	116	109	102
29	Profit	3020	-1230	12	-399	195	5	-2446	-35	-5	16	27

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Palakkad****(Values in ₹ lakh unless otherwise mentioned)**

SL.N o.	Characteristic	274	279	281	282	292	310	325	329	382	Others	Total
1	No. of Factories (Nos.)	1	1	9	2	1	12	9	3	2	37	560
2	Factories in Operation (Nos.)	1	1	9	2	1	12	9	3	2	36	557
3	Fixed Capital	24	0	1730	22	34	1924	3313	2	2381	5769	258171
4	Physical Working Capital	43	0	3677	113	110	242	2328	17	0	1450	139405
5	Working Capital	80	2	7744	265	112	2865	2295	20	1548	706	67248
6	Invested Capital	67	0	5407	135	144	2166	5641	19	2381	7219	397576
7	Gross Value of Additions to Fixed Capital	1	0	52	2	3	83	971	0	1084	122	31777
8	Rent Paid	0	0	0	0	1	0	1	0	0	134	593
9	Outstanding Loan	92	0	1087	0	137	760	695	0	250	2661	118664
10	Interest Paid	27	0	64	37	0	63	51	0	0	288	14280
11	Rent Received	0	0	0	0	0	0	0	0	0	0	35
12	Interest Received	0	0	40	0	0	3	36	0	37	0	1492
13	Gross Value of P&M	1	0	2188	45	46	100	1692	0	0	894	196857
14	Value of Products & By-products	407	0	7823	330	0	8483	6369	8	10	112	725194
15	Other Output	186	6	114	195	296	340	981	0	4439	8826	133396
16	Total Output	593	6	7937	525	296	8823	7350	8	4449	8938	858590
17	Fuels Consumed	3	0	163	9	6	110	100	0	12	182	49808
18	Material Consumed for Manufacturing	70	0	3045	362	3	6719	2610	4	1	465	532990
19	Other Input	368	0	775	144	208	547	1239	2	3714	5094	145876
20	Total Input	441	0	3983	515	217	7376	3949	6	3727	5741	728674
21	Gross Value Added (GVA)	152	6	3954	10	79	1447	3401	2	722	3197	129916
22	Depreciation	6	0	180	3	7	63	283	0	283	480	20175
23	Net Value Added (NVA)	146	6	3774	7	72	1384	3118	2	439	2717	109741
24	Net Fixed Capital Formation	-5	0	-126	-1	-3	-20	766	0	801	-379	8263
25	Gross Fixed Capital Formation	1	0	54	2	4	43	1049	0	1084	101	28438
26.1	Addition in Stock of - Materials, Fuels etc.	-5	0	210	-7	89	-398	514	0	0	66	11516
26.2	Addition in Stock of - Semi Finished Goods	0	0	-205	0	0	0	70	0	0	0	-2243
26.3	Addition in Stock of - Finished Goods	-35	0	-237	-11	0	-247	138	0	0	106	6307
26.4	Addition in Stock of - Total	-40	0	-232	-18	89	-645	722	0	0	172	15580
27	Gross Capital Formation	-39	0	-178	-16	93	-602	1771	0	1084	273	44018
28	Net Income	119	6	3710	-30	71	1321	3066	2	439	2295	94871
29	Profit	62	1	1591	-191	3	706	1115	-2	386	-121	31995

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Thrissur

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	120	131
1	No. of Factories (Nos.)	3	8	15	13	6	41	7	16	9	13
2	Factories in Operation (Nos.)	3	6	6	13	6	41	7	13	7	13
3	Fixed Capital	1373	133	3138	4653	16130	5116	8529	7745	1258	9149
4	Physical Working Capital	1815	92	4063	695	4816	2097	8063	3424	353	7079
5	Working Capital	3235	143	15844	1374	5138	5355	2141	4950	-900	-18441
6	Invested Capital	3188	225	7201	5348	20946	7213	16592	11169	1611	16228
7	Gross Value of Additions to Fixed Capital	177	0	391	68	810	150	4173	159	22	166
8	Rent Paid	0	0	0	0	41	0	0	0	0	0
9	Outstanding Loan	2396	74	14894	1801	773	3740	272	932	619	40725
10	Interest Paid	169	11	832	29	278	700	538	471	153	3742
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	7	0	66	0	109	8	56	99	0	57
13	Gross Value of P&M	0	0	2468	0	1039	5321	10729	2925	0	4260
14	Value of Products & By-products	7777	838	37033	15577	62547	38733	86113	34195	1039	4973
15	Other Output	507	1	21973	330	5784	3120	5122	395	921	2603
16	Total Output	8284	839	59006	15907	68331	41853	91235	34590	1960	7576
17	Fuels Consumed	316	9	263	354	1180	927	984	196	4	597
18	Material Consumed for Manufacturing	6973	649	32872	12754	44388	32915	68540	28390	801	4495
19	Other Input	495	22	22790	680	9419	1025	5716	2695	1108	482
20	Total Input	7784	680	55925	13788	54987	34867	75240	31281	1913	5574
21	Gross Value Added (GVA)	500	159	3081	2119	13344	6986	15995	3309	47	2002
22	Depreciation	197	18	419	371	892	646	884	584	86	514
23	Net Value Added (NVA)	303	141	2662	1748	12452	6340	15111	2725	-39	1488
24	Net Fixed Capital Formation	-94	-18	-66	-294	-271	-472	-3763	-567	-64	-347
25	Gross Fixed Capital Formation	103	0	353	77	621	174	-2879	17	22	167
26.1	Addition in Stock of - Materials, Fuels etc.	6	-33	66	-34	485	316	3897	320	-8	371
26.2	Addition in Stock of - Semi Finished Goods	0	2	-6	3	0	40	24	169	0	68
26.3	Addition in Stock of - Finished Goods	-393	2	-116	-18	-105	-136	754	-188	322	-1614
26.4	Addition in Stock of - Total	-387	-29	-56	-49	380	220	4675	301	314	-1175
27	Gross Capital Formation	-284	-29	297	28	1001	394	1796	318	336	-1008
28	Net Income	134	130	1830	1719	12133	5640	14573	2254	-192	-2254
29	Profit	-144	45	252	404	4483	3010	8049	706	-447	-6708

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Thrissur****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	139	141	152	161	162	170	181	192	201	202
1	No. of Factories (Nos.)	3	8	4	12	16	20	24	2	4	14
2	Factories in Operation (Nos.)	3	8	4	9	12	20	24	1	3	14
3	Fixed Capital	182	315	274	746	53	547	2442	57	327	942
4	Physical Working Capital	96	281	356	3619	22	529	189	139	134	1051
5	Working Capital	3	117	288	1048	21	819	140	229	-1042	3690
6	Invested Capital	278	596	630	4365	75	1076	2631	196	461	1993
7	Gross Value of Additions to Fixed Capital	39	185	3	3	0	90	0	0	78	220
8	Rent Paid	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	266	248	28	319	0	427	1029	45	420	333
10	Interest Paid	3	18	20	170	0	28	115	15	20	21
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	8	0	0	0	0	2	0	3	0
13	Gross Value of P&M	0	0	0	0	0	0	0	0	381	503
14	Value of Products & By-products	201	945	1383	1917	248	2382	5922	757	1543	8462
15	Other Output	5	75	0	41	29	6	6	298	83	26
16	Total Output	206	1020	1383	1958	277	2388	5928	1055	1626	8488
17	Fuels Consumed	8	13	11	30	6	88	149	14	135	55
18	Material Consumed for Manufacturing	143	627	1008	1291	142	1591	1969	605	891	5120
19	Other Input	15	92	58	41	10	198	2120	350	186	634
20	Total Input	166	732	1077	1362	158	1874	4238	969	1212	5809
21	Gross Value Added (GVA)	40	288	306	596	119	514	1690	86	414	2679
22	Depreciation	23	38	29	16	3	65	348	3	59	82
23	Net Value Added (NVA)	17	250	277	580	116	449	1342	83	355	2597
24	Net Fixed Capital Formation	16	167	-26	-14	-3	24	-391	-3	20	137
25	Gross Fixed Capital Formation	39	205	3	2	0	89	-43	0	79	219
26.1	Addition in Stock of - Materials, Fuels etc.	0	-76	-13	0	2	1	-142	0	49	353
26.2	Addition in Stock of - Semi Finished Goods	0	23	-66	0	2	0	31	20	0	-1
26.3	Addition in Stock of - Finished Goods	0	89	-149	-144	0	14	-8	-2	-168	-80
26.4	Addition in Stock of - Total	0	36	-228	-144	4	15	-119	18	-119	272
27	Gross Capital Formation	39	241	-225	-142	4	104	-162	18	-40	491
28	Net Income	14	232	257	410	116	421	1227	68	335	2576
29	Profit	-28	32	133	301	78	101	-560	34	200	1861

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details
Thrissur
(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	210	221	222	231	239	241	242	243	251	259
1	No. of Factories (Nos.)	40	42	94	2	242	8	4	3	12	41
2	Factories in Operation (Nos.)	35	42	89	2	202	8	4	3	9	41
3	Fixed Capital	15691	23619	29687	813	9594	1401	103	2143	1305	4585
4	Physical Working Capital	6530	13924	8437	464	2794	5093	143	1568	389	4857
5	Working Capital	2815	6168	26765	-165	2080	3399	224	2476	-933	2570
6	Invested Capital	22221	37543	38124	1277	12388	6494	246	3711	1694	9442
7	Gross Value of Additions to Fixed Capital	774	3232	5737	93	406	108	7	422	196	845
8	Rent Paid	0	0	3	0	8	0	0	1	0	0
9	Outstanding Loan	1683	4388	9597	569	3071	1026	126	1785	154	3605
10	Interest Paid	268	301	1238	109	189	277	11	364	392	303
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	720	40	129	14	12	29	1	49	2	15
13	Gross Value of P&M	2903	41704	5208	103	579	1112	0	1644	1399	3168
14	Value of Products & By-products	28782	162460	95263	3404	14812	13416	720	32924	26143	11093
15	Other Output	3464	17501	6226	90	2274	790	85	443	88	1245
16	Total Output	32246	179961	101489	3494	17086	14206	805	33367	26231	12338
17	Fuels Consumed	707	5507	3535	126	2456	941	19	236	186	664
18	Material Consumed for Manufacturing	14460	117185	68230	2615	6555	11478	567	30651	24032	7767
19	Other Input	5393	16787	11860	156	2562	893	56	355	282	867
20	Total Input	20560	139479	83619	2897	11569	13312	642	31242	24500	9298
21	Gross Value Added (GVA)	11686	40482	17870	597	5517	894	163	2125	1731	3040
22	Depreciation	1319	2212	2435	134	963	173	16	145	146	468
23	Net Value Added (NVA)	10367	38270	15435	463	4554	721	147	1980	1585	2572
24	Net Fixed Capital Formation	-630	775	3146	-61	-564	-67	-10	277	50	378
25	Gross Fixed Capital Formation	689	2987	5581	73	399	106	6	422	196	846
26.1	Addition in Stock of - Materials, Fuels etc.	-107	868	-113	57	4	336	1	-1510	30	346
26.2	Addition in Stock of - Semi Finished Goods	83	138	46	0	32	0	0	1	290	-6
26.3	Addition in Stock of - Finished Goods	293	-355	-880	-85	-120	10	64	197	12	-8
26.4	Addition in Stock of - Total	269	651	-947	-28	-84	346	65	-1312	332	332
27	Gross Capital Formation	958	3638	4634	45	315	452	71	-890	528	1178
28	Net Income	10099	37969	14195	354	4357	444	136	1615	1193	2268
29	Profit	2416	18802	5847	78	1342	259	57	987	723	310

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Thrissur****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	261	264	271	272	273	274	279	281	282	292
1	No. of Factories (Nos.)	1	1	3	4	2	1	5	9	23	1
2	Factories in Operation (Nos.)	1	1	3	3	2	1	5	9	23	1
3	Fixed Capital	170	44	139	54	10	25	138	3597	2042	61
4	Physical Working Capital	134	30	123	504	40	51	151	5117	579	46
5	Working Capital	144	80	113	60	42	-34	179	10194	-876	-97
6	Invested Capital	304	74	262	558	50	76	289	8714	2621	107
7	Gross Value of Additions to Fixed Capital	104	2	9	47	0	0	34	375	337	27
8	Rent Paid	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	67	141	104	0	0	0	35	47	685	9
10	Interest Paid	10	15	10	0	0	12	5	45	109	0
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	0	0	0	0	0	161	0	0
13	Gross Value of P&M	265	0	368	34	0	0	5	3889	345	0
14	Value of Products & By-products	701	141	534	1116	19	13	1640	16748	7762	295
15	Other Output	39	3	23	2	0	0	1	410	750	1
16	Total Output	740	144	557	1118	19	13	1641	17158	8512	296
17	Fuels Consumed	13	0	3	13	2	0	17	124	157	4
18	Material Consumed for Manufacturing	269	79	368	1237	13	8	1016	9335	4730	216
19	Other Input	129	15	96	79	0	8	211	2696	951	9
20	Total Input	411	94	467	1329	15	16	1244	12155	5838	229
21	Gross Value Added (GVA)	329	50	90	-211	4	-3	397	5003	2674	67
22	Depreciation	26	1	9	10	0	3	22	563	239	7
23	Net Value Added (NVA)	303	49	81	-221	4	-6	375	4440	2435	60
24	Net Fixed Capital Formation	73	1	1	37	0	-3	5	-59	56	20
25	Gross Fixed Capital Formation	99	2	10	47	0	0	27	504	295	27
26.1	Addition in Stock of - Materials, Fuels etc.	48	11	59	241	6	5	25	-269	-1066	9
26.2	Addition in Stock of - Semi Finished Goods	1	0	34	0	0	0	1	-296	37	0
26.3	Addition in Stock of - Finished Goods	-7	-9	-38	-5	0	-5	14	-47	-141	0
26.4	Addition in Stock of - Total	42	2	55	236	6	0	40	-612	-1170	9
27	Gross Capital Formation	141	4	65	283	6	0	67	-108	-875	36
28	Net Income	293	34	71	-221	4	-18	370	4395	2326	60
29	Profit	119	9	7	-347	2	-23	82	1490	844	1

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Thrissur****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	293	301	310	321	325	329	331	Others	Total
1	No. of Factories (Nos.)	1	1	17	12	5	2	3	100	917
2	Factories in Operation (Nos.)	1	1	13	12	5	2	3	90	824
3	Fixed Capital	623	4	108	784	1063	91	50	15426	176479
4	Physical Working Capital	209	0	586	4260	823	114	5	5908	101792
5	Working Capital	61	0	419	6000	912	38	-6	18544	105324
6	Invested Capital	832	4	694	5044	1886	205	55	21334	278271
7	Gross Value of Additions to Fixed Capital	77	0	13	25	57	0	1	871	20533
8	Rent Paid	0	0	0	0	65	0	0	71	189
9	Outstanding Loan	426	0	36	2768	1085	89	18	4370	105225
10	Interest Paid	48	0	0	116	119	11	0	1202	12487
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	17	0	0	97	3	0	0	0	1704
13	Gross Value of P&M	369	0	0	0	0	93	0	774	91588
14	Value of Products & By-products	928	0	967	59793	2809	137	120	9041	804366
15	Other Output	83	0	1	1480	112	0	103	101529	178068
16	Total Output	1011	0	968	61273	2921	137	223	110570	982434
17	Fuels Consumed	29	0	23	74	69	9	7	824	21084
18	Material Consumed for Manufacturing	719	0	603	57501	1670	82	165	40413	648128
19	Other Input	100	0	52	1127	365	5	7	56770	149967
20	Total Input	848	0	678	58702	2104	96	179	98007	819166
21	Gross Value Added (GVA)	163	0	290	2571	817	41	44	12563	163268
22	Depreciation	70	1	13	129	162	8	7	1197	15755
23	Net Value Added (NVA)	93	-1	277	2442	655	33	37	11366	147513
24	Net Fixed Capital Formation	-2	-1	0	-103	-104	-8	-6	-498	-3326
25	Gross Fixed Capital Formation	68	0	13	26	58	0	1	699	12429
26.1	Addition in Stock of - Materials, Fuels etc.	-24	0	20	-1	15	-8	-7	-120	4416
26.2	Addition in Stock of - Semi Finished Goods	0	0	12	0	41	-6	0	0	717
26.3	Addition in Stock of - Finished Goods	4	0	152	316	-11	40	0	0	-2549
26.4	Addition in Stock of - Total	-20	0	184	315	45	26	-7	-120	2584
27	Gross Capital Formation	48	0	197	341	103	26	-6	579	15013
28	Net Income	45	-1	277	2326	471	22	37	10093	134837
29	Profit	-155	-1	49	1032	-201	2	6	1983	47522

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Ernakulam****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	101	102	103	104	105	106	107	108	110	131
1	No. of Factories (Nos.)	1	55	24	16	15	73	91	4	21	6
2	Factories in Operation (Nos.)	1	45	24	16	13	58	71	4	21	6
3	Fixed Capital	3288	26489	2731	4731	9313	19537	54320	962	9307	19835
4	Physical Working Capital	159	29913	1493	7175	3065	17574	84674	679	4983	6997
5	Working Capital	-2318	17355	2878	5436	-504	15165	77368	44	4469	-1245
6	Invested Capital	3447	56402	4224	11906	12378	37111	138994	1641	14290	26832
7	Gross Value of Additions to Fixed Capital	126	2763	920	687	1201	4994	16470	128	1983	208
8	Rent Paid	0	17	0	0	0	0	724	0	0	0
9	Outstanding Loan	1025	15496	3609	3505	3859	10258	24182	1034	5216	2251
10	Interest Paid	66	3162	270	463	433	1706	4464	47	219	1371
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	411	17	14	37	126	1029	6	7	126
13	Gross Value of P&M	658	10683	0	1371	5391	6999	44318	1628	5079	19753
14	Value of Products & By-products	1407	162428	29056	53362	82109	99541	326275	3484	29074	15948
15	Other Output	188	5300	6456	78	4741	18745	22305	1767	4218	147
16	Total Output	1595	167728	35512	53440	86850	118286	348580	5251	33292	16095
17	Fuels Consumed	67	2867	419	1112	1348	3891	7360	460	2450	1183
18	Material Consumed for Manufacturing	1111	138399	6200	48065	68057	83884	229612	3077	18399	8590
19	Other Input	270	13983	6036	618	8455	17551	46939	539	5768	1549
20	Total Input	1448	155249	12655	49795	77860	105326	283911	4076	26617	11322
21	Gross Value Added (GVA)	147	12479	22857	3645	8990	12960	64669	1175	6675	4773
22	Depreciation	82	2065	368	400	1419	2144	7193	113	754	659
23	Net Value Added (NVA)	65	10414	22489	3245	7571	10816	57476	1062	5921	4114
24	Net Fixed Capital Formation	44	551	541	295	-744	673	8351	-29	4385	-485
25	Gross Fixed Capital Formation	126	2616	909	695	675	2817	15544	84	5139	174
26.1	Addition in Stock of - Materials, Fuels etc.	-8	3815	-193	1076	435	5257	8873	208	386	240
26.2	Addition in Stock of - Semi Finished Goods	-1	169	191	0	-1	0	755	0	0	-214
26.3	Addition in Stock of - Finished Goods	-3	-3430	-43	-361	201	829	7566	98	-55	-323
26.4	Addition in Stock of - Total	-12	554	-45	715	635	6086	17194	306	331	-297
27	Gross Capital Formation	114	3170	864	1410	1310	8903	32738	390	5470	-123
28	Net Income	-1	7235	22219	2782	7138	9110	52288	1015	5702	2743
29	Profit	-359	228	20622	2037	2625	4011	16738	473	3972	-326

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Ernakulam**

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	139	141	143	151	152	161	162	170	181	191
1	No. of Factories (Nos.)	9	9	4	2	3	30	355	43	34	3
2	Factories in Operation (Nos.)	9	9	4	1	3	25	325	33	34	3
3	Fixed Capital	3474	20250	171	208	152	593	35930	2282	24496	1916
4	Physical Working Capital	1453	18276	657	116	322	2200	22761	1018	3638	1634
5	Working Capital	1930	44938	543	1596	300	2261	-85931	2922	30294	1172
6	Invested Capital	4927	38526	828	324	474	2793	58691	3300	28134	3550
7	Gross Value of Additions to Fixed Capital	405	1336	26	17	50	77	8204	781	1022	132
8	Rent Paid	13	0	0	0	0	0	0	35	0	0
9	Outstanding Loan	3026	534	195	730	21	351	38317	1697	9420	622
10	Interest Paid	224	402	82	3	0	92	3525	220	1343	305
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	81	752	0	0	0	4	126	103	338	31
13	Gross Value of P&M	3160	21390	142	0	0	0	13255	2563	21431	2900
14	Value of Products & By-products	23889	65068	3290	982	1328	5626	167660	11881	18306	11839
15	Other Output	1984	3931	156	124	3	225	3123	156	16993	839
16	Total Output	25873	68999	3446	1106	1331	5851	170783	12037	35299	12678
17	Fuels Consumed	534	2190	7	19	29	85	5663	580	811	235
18	Material Consumed for Manufacturing	16918	32091	1550	891	989	4595	134160	8178	7679	9869
19	Other Input	4492	6172	925	156	119	441	9219	1149	12268	1017
20	Total Input	21944	40453	2482	1066	1137	5121	149042	9907	20758	11121
21	Gross Value Added (GVA)	3929	28546	964	40	194	730	21741	2130	14541	1557
22	Depreciation	388	2682	17	31	32	98	4316	341	3045	165
23	Net Value Added (NVA)	3541	25864	947	9	162	632	17425	1789	11496	1392
24	Net Fixed Capital Formation	-88	-1648	9	-14	17	-21	2955	434	-1969	-114
25	Gross Fixed Capital Formation	300	1034	26	17	49	77	7271	775	1076	51
26.1	Addition in Stock of - Materials, Fuels etc.	-13	698	-523	-37	1	-1322	-1389	-214	79	-55
26.2	Addition in Stock of - Semi Finished Goods	-21	354	0	0	10	0	642	-45	-27	0
26.3	Addition in Stock of - Finished Goods (₹ lakhs)	-143	624	0	-12	45	20	-24	-157	35	51
26.4	Addition in Stock of - Total	-177	1676	-523	-49	56	-1302	-771	-416	87	-4
27	Gross Capital Formation	123	2710	-497	-32	105	-1225	6500	359	1163	47
28	Net Income	3304	25462	865	6	162	540	13900	1534	10153	1087
29	Profit	1556	14563	347	-50	17	22	4427	-966	3688	-36

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Ernakulam

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	192	201	202	210	221	222	231	239	241	242
1	No. of Factories (Nos.)	7	28	41	24	86	65	4	56	13	4
2	Factories in Operation (Nos.)	7	22	41	19	61	55	4	51	13	4
3	Fixed Capital	3326609	67598	53322	11725	84376	22724	2578	51585	2561	3983
4	Physical Working Capital	709580	63168	78748	12914	15529	11558	1054	7613	8366	6294
5	Working Capital	64859	-8305	101287	20977	16839	15228	2	7640	13694	9458
6	Invested Capital	4036189	130766	132070	24639	99905	34282	3632	59198	10927	10277
7	Gross Value of Additions to Fixed Capital	774149	10527	12386	3506	6956	4919	677	3577	338	128
8	Rent Paid	0	0	0	0	9	26	0	154	16	0
9	Outstanding Loan	5748	184762	23717	8132	20043	19295	1061	20936	446	79
10	Interest Paid	2218	24988	3342	1093	3231	1587	292	1171	127	0
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1306	10342	1240	399	929	73	12	446	61	29
13	Gross Value of P&M	1644654	188986	53614	6792	17456	10909	0	21099	1812	12242
14	Value of Products & By-products	4248814	410956	327458	33369	185094	107516	4978	130968	76887	39107
15	Other Output	28761	10195	16982	2905	17802	2046	84	6023	547	440
16	Total Output	4277575	421151	344440	36274	202896	109562	5062	136991	77434	39547
17	Fuels Consumed	334273	40897	6523	2079	5426	4534	501	4989	2056	6416
18	Material Consumed for Manufacturing	3533239	219444	166583	35868	153318	73137	2601	77426	68852	24713
19	Other Input	110622	44302	34524	4956	12498	9003	275	27071	1746	2497
20	Total Input	3978134	304643	207630	42903	171242	86674	3377	109486	72654	33626
21	Gross Value Added (GVA)	299441	116508	136810	-6629	31654	22888	1685	27505	4780	5921
22	Depreciation	153324	5784	6236	786	2452	3154	461	8812	284	866
23	Net Value Added (NVA)	146117	110724	130574	-7415	29202	19734	1224	18693	4496	5055
24	Net Fixed Capital Formation	167576	3029	3538	3033	4346	1431	207	-4251	-581	-780
25	Gross Fixed Capital Formation	320900	8813	9774	3819	6798	4585	668	4561	-297	86
26.1	Addition in Stock of - Materials, Fuels etc.	134024	1609	18045	3259	1789	2321	-133	-385	-1587	339
26.2	Addition in Stock of - Semi Finished Goods	70395	1967	1656	3197	38	176	1	1832	0	-452
26.3	Addition in Stock of - Finished Goods	108488	-16369	-8203	-47	484	-686	-17	-1208	277	-1443
26.4	Addition in Stock of - Total	312907	-12793	11498	6409	2311	1811	-149	239	-1310	-1556
27	Gross Capital Formation	633807	-3980	21272	10228	9109	6396	519	4800	-1607	-1470
28	Net Income	143899	85736	127232	-8508	25961	18122	932	17368	4354	5055
29	Profit	75139	45985	102101	-14431	12109	11044	156	11402	3031	1979

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Ernakulam****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	243	251	259	261	263	265	266	267	271	272
1	No. of Factories (Nos.)	13	35	41	18	2	3	1	1	22	2
2	Factories in Operation (Nos.)	9	31	37	14	2	3	1	1	22	2
3	Fixed Capital	64954	18648	4903	28791	690	33	564	409	12622	244
4	Physical Working Capital	5212	10119	8816	41903	2410	145	1629	100	27321	577
5	Working Capital	2464	6183	9654	48123	1363	-83	682	436	32674	6
6	Invested Capital	70166	28767	13719	70694	3100	178	2193	509	39943	821
7	Gross Value of Additions to Fixed Capital	772	4577	706	6323	450	1	33	45	5879	91
8	Rent Paid	9	0	6	152	0	0	0	0	554	0
9	Outstanding Loan	3138	10669	2693	702	63	46	0	38	10273	121
10	Interest Paid	441	675	669	1474	15	27	0	17	1686	51
11	Rent Received	0	0	0	492	0	0	0	0	0	0
12	Interest Received	5	74	188	245	9	9	29	3	466	0
13	Gross Value of P&M	1587	19813	2826	54530	146	94	771	295	20263	0
14	Value of Products & By-products	39461	47410	49408	193154	12834	812	4924	1699	82732	1232
15	Other Output	239	4119	1641	13065	207	67	672	60	14583	6
16	Total Output	39700	51529	51049	206219	13041	879	5596	1759	97315	1238
17	Fuels Consumed	660	1668	811	2295	17	9	5	14	2729	31
18	Material Consumed for Manufacturing	22863	35437	39973	135053	9621	525	4047	391	52961	978
19	Other Input	510	5024	3148	23669	1703	124	257	186	18906	32
20	Total Input	24033	42129	43932	161017	11341	658	4309	591	74596	1041
21	Gross Value Added (GVA)	15667	9400	7117	45202	1700	221	1287	1168	22719	197
22	Depreciation	330	4159	703	3865	53	3	97	54	2637	28
23	Net Value Added (NVA)	15337	5241	6414	41337	1647	218	1190	1114	20082	169
24	Net Fixed Capital Formation	442	842	-25	1050	402	-2	-30	1	2520	63
25	Gross Fixed Capital Formation	772	5001	678	4915	455	1	67	55	5157	91
26.1	Addition in Stock of - Materials, Fuels etc.	769	706	-844	-4026	1680	17	482	-25	2345	161
26.2	Addition in Stock of - Semi Finished Goods	282	532	-71	366	15	-18	0	0	1308	0
26.3	Addition in Stock of - Finished Goods	-304	304	160	-1232	145	-64	14	49	-2030	0
26.4	Addition in Stock of - Total	747	1542	-755	-4892	1840	-65	496	24	1623	161
27	Gross Capital Formation	1519	6543	-77	23	2295	-64	563	79	6780	252
28	Net Income	14887	4566	5738	39711	1632	191	1190	1097	17841	118
29	Profit	13990	-2149	2397	16622	1206	-5	951	221	-577	11

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Ernakulam****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	273	274	275	279	281	282	292	293	301	310
1	No. of Factories (Nos.)	7	1	1	1	8	14	2	1	9	26
2	Factories in Operation (Nos.)	7	1	1	1	6	10	2	1	9	25
3	Fixed Capital	2517	133	7	7	325	3403	108	2	184305	2369
4	Physical Working Capital	3095	789	63	41	180	9271	153	41	44577	1966
5	Working Capital	-6807	1285	152	12	105	17038	53	-248	221545	515
6	Invested Capital	5612	922	70	48	505	12674	261	43	228882	4335
7	Gross Value of Additions to Fixed Capital	500	59	0	5	43	297	68	0	34578	536
8	Rent Paid	0	25	0	0	11	0	0	0	1	0
9	Outstanding Loan	3056	164	0	0	222	3245	22	25	14273	1568
10	Interest Paid	1503	26	0	0	5	1256	6	12	5261	113
11	Rent Received	0	0	0	0	0	54	0	0	33	0
12	Interest Received	35	0	1	0	0	84	0	0	10646	2
13	Gross Value of P&M	7629	0	9	0	94	7275	0	1	23857	552
14	Value of Products & By-products	20119	3380	133	186	226	28264	104	216	271002	4950
15	Other Output	62	28	6	0	681	1306	145	9	48855	733
16	Total Output	20181	3408	139	186	907	29570	249	225	319857	5683
17	Fuels Consumed	246	27	1	1	26	494	7	2	3698	209
18	Material Consumed for Manufacturing	17433	2512	104	142	141	17813	161	181	126275	2782
19	Other Input	649	548	8	10	476	2078	2	21	64071	824
20	Total Input	18328	3087	113	153	643	20385	170	204	194044	3815
21	Gross Value Added (GVA)	1853	321	26	33	264	9185	79	21	125813	1868
22	Depreciation	335	21	0	0	39	374	13	1	5421	167
23	Net Value Added (NVA)	1518	300	26	33	225	8811	66	20	120392	1701
24	Net Fixed Capital Formation	166	38	0	5	6	-98	55	-1	29153	368
25	Gross Fixed Capital Formation	501	59	0	5	45	276	68	0	34574	535
26.1	Addition in Stock of - Materials, Fuels etc.	-55	0	-6	13	-50	177	6	-26	11872	-87
26.2	Addition in Stock of - Semi Finished Goods	60	0	0	-3	1	821	0	-4	269	281
26.3	Addition in Stock of - Finished Goods	-675	155	2	8	0	-519	0	14	-19	-7
26.4	Addition in Stock of - Total	-670	155	-4	18	-49	479	6	-16	12122	187
27	Gross Capital Formation	-169	214	-4	23	-4	755	74	-16	46696	722
28	Net Income	15	249	26	33	209	7555	60	8	115130	1588
29	Profit	-3056	95	2	9	48	-270	36	-26	77815	243

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Ernakulam****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	321	322	324	325	329	331	332	381	581	Others	Total
1	No. of Factories (Nos.)	7	1	1	28	3	9	24	1	1	181	1590
2	Factories in Operation (Nos.)	6	1	1	24	3	9	24	1	0	140	1376
3	Fixed Capital	499	7	54	9815	336	643	28224	2916	0	52674	4287248
4	Physical Working Capital	294	14	47	6641	267	32	18814	645	0	12843	1321616
5	Working Capital	80139	150	-102	2618	183	122	18901	968	0	15870	814353
6	Invested Capital	793	21	101	16456	603	675	47038	3561	0	65517	5608864
7	Gross Value of Additions to Fixed Capital	6	0	1	1825	236	15	5082	1766	0	1644	924231
8	Rent Paid	0	2	0	0	3	0	0	0	0	306	2063
9	Outstanding Loan	284	0	0	6293	399	274	6461	723	0	18011	492330
10	Interest Paid	13683	0	0	1172	21	26	1555	4	0	2455	88599
11	Rent Received	0	0	0	0	0	0	0	0	0	0	579
12	Interest Received	0	7	0	187	4	1	245	88	0	165	30538
13	Gross Value of P&M	239	91	33	10818	132	162	1032	317	0	90565	2361416
14	Value of Products & By-products	200623	52	334	24328	1317	0	80050	1283	0	43298	7791231
15	Other Output	21425	1	14	4063	74	2258	1336	1178	0	46043	340140
16	Total Output	222048	53	348	28391	1391	2258	81386	2461	0	89341	8131371
17	Fuels Consumed	16	2	7	528	32	60	1136	77	0	2238	456050
18	Material Consumed for Manufacturing	198253	19	161	9234	878	166	22173	18	0	31101	5908891
19	Other Input	148	4	40	5739	218	964	37614	1886	0	33749	587768
20	Total Input	198417	25	208	15501	1128	1190	60923	1981	0	67088	6952709
21	Gross Value Added (GVA)	23631	28	140	12890	263	1068	20463	480	0	22253	1178662
22	Depreciation	25	2	9	1710	32	69	2316	104	0	4316	235354
23	Net Value Added (NVA)	23606	26	131	11180	231	999	18147	376	0	17937	943308
24	Net Fixed Capital Formation	-19	-2	-8	-781	203	-117	2585	1657	0	-3968	225196
25	Gross Fixed Capital Formation	6	0	1	929	235	-48	4901	1761	0	348	460550
26.1	Addition in Stock of - Materials, Fuels etc.	-19242	-1	-12	-467	44	11	1285	44	0	-845	170521
26.2	Addition in Stock of - Semi Finished Goods	0	0	7	58	-1	0	452	0	0	0	84977
26.3	Addition in Stock of - Finished Goods	0	-2	13	300	4	0	2211	0	0	8	84729
26.4	Addition in Stock of - Total	-19242	-3	8	-109	47	11	3948	44	0	-837	340227
27	Gross Capital Formation	-19236	-3	9	820	282	-37	8849	1805	0	-489	800777
28	Net Income	9923	24	131	10008	207	973	16592	372	0	15177	852646
29	Profit	9748	-5	24	669	-26	-123	10343	74	0	4058	454429

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Idukki****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	101	105	107	110	152	161	162	181	201	202	210
1	No. of Factories (Nos.)	1	1	78	2	3	2	4	1	2	2	3
2	Factories in Operation (Nos.)	1	1	73	2	3	2	4	1	2	2	3
3	Fixed Capital	41	48	64416	396	302	15	414	2	58	664	950
4	Physical Working Capital	0	21	22497	41	821	4	359	10	79	434	1723
5	Working Capital	0	79	61321	51	788	8	491	10	219	434	947
6	Invested Capital	41	69	86913	437	1123	19	773	12	137	1098	2673
7	Gross Value of Additions to Fixed Capital	0	0	5317	10	1	1	59	0	1	23	103
8	Rent Paid	0	0	0	0	0	0	4	0	0	0	0
9	Outstanding Loan	0	92	10048	64	417	7	234	0	80	0	498
10	Interest Paid	0	2	1433	9	29	1	70	0	0	0	143
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	3	294	0	0	0	0	0	0	0	2
13	Gross Value of P&M	87	169	38597	0	671	0	63	17	15	530	754
14	Value of Products & By-products	0	1938	228648	345	843	198	1818	129	344	64	4691
15	Other Output	0	67	14795	0	89	0	0	0	73	12	1390
16	Total Output	0	2005	243443	345	932	198	1818	129	417	76	6081
17	Fuels Consumed	0	43	8846	31	42	4	86	3	8	6	215
18	Material Consumed for Manufacturing	0	1620	127222	245	520	172	1371	100	226	77	2300
19	Other Input	0	123	32223	29	179	2	108	9	118	13	1202
20	Total Input	0	1786	168291	305	741	178	1565	112	352	96	3717
21	Gross Value Added (GVA)	0	219	75152	40	191	20	253	17	65	-20	2364
22	Depreciation	0	20	5790	50	39	1	61	0	13	55	88
23	Net Value Added (NVA)	0	199	69362	-10	152	19	192	17	52	-75	2276
24	Net Fixed Capital Formation	0	-19	-696	-40	-39	-1	-3	0	-11	-32	37
25	Gross Fixed Capital Formation	0	1	5094	10	0	0	58	0	2	23	125
26.1	Addition in Stock of - Materials, Fuels etc.	0	-11	735	-9	-29	-1	-3	-16	-3	2	-16
26.2	Addition in Stock of - Semi Finished Goods	0	1	-363	0	18	0	0	2	0	0	-110
26.3	Addition in Stock of - Finished Goods	0	0	744	-2	-67	2	19	1	5	-88	-91
26.4	Addition in Stock of - Total	0	-10	1116	-11	-78	1	16	-13	2	-86	-217
27	Gross Capital Formation	0	-9	6210	-1	-78	1	74	-13	4	-63	-92
28	Net Income	0	197	67929	-19	123	18	118	17	52	-75	2133
29	Profit	0	38	46894	-73	-16	0	4	2	14	-151	468

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Idukki****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No	Characteristic	221	222	239	271	273	310	Others	Total
1	No. of Factories (Nos.)	12	1	17	1	1	2	29	162
2	Factories in Operation (Nos.)	12	1	17	1	1	1	29	156
3	Fixed Capital	693	15	4448	146	136	637	5568	78949
4	Physical Working Capital	1068	82	297	468	57	202	353	28516
5	Working Capital	-1067	-81	1698	822	62	-1480	914	65216
6	Invested Capital	1761	97	4745	614	193	839	5921	107465
7	Gross Value of Additions to Fixed Capital	15	0	335	78	2	1	67	6013
8	Rent Paid	1	0	0	0	0	0	0	5
9	Outstanding Loan	322	1	3219	170	0	1649	570	17371
10	Interest Paid	119	16	332	18	17	237	61	2487
11	Rent Received	0	0	0	0	0	0	0	0
12	Interest Received	0	0	19	2	0	1	4	325
13	Gross Value of P&M	1335	0	175	792	102	1001	6547	50855
14	Value of Products & By-products	10932	67	4099	1639	328	2343	5672	264098
15	Other Output	7	0	3	369	8	31	2850	19694
16	Total Output	10939	67	4102	2008	336	2374	8522	283792
17	Fuels Consumed	168	1	651	25	12	79	70	10290
18	Material Consumed for Manufacturing	9650	58	499	976	242	1579	3376	150233
19	Other Input	950	1	804	85	23	315	968	37152
20	Total Input	10768	60	1954	1086	277	1973	4414	197675
21	Gross Value Added (GVA)	171	7	2148	922	59	401	4108	86117
22	Depreciation	58	3	416	34	3	76	364	7071
23	Net Value Added (NVA)	113	4	1732	888	56	325	3744	79046
24	Net Fixed Capital Formation	-43	-3	-228	43	-1	-649	-626	-2311
25	Gross Fixed Capital Formation	15	0	188	77	2	-573	-262	4760
26.1	Addition in Stock of - Materials, Fuels etc.	164	1	0	135	-9	-67	-88	785
26.2	Addition in Stock of - Semi Finished Goods	0	0	0	-31	3	7	0	-473
26.3	Addition in Stock of - Finished Goods	90	6	-47	17	-1	-120	-44	424
26.4	Addition in Stock of - Total	254	7	-47	121	-7	-180	-132	736
27	Gross Capital Formation	269	7	141	198	-5	-753	-394	5496
28	Net Income	-7	-12	1400	870	39	88	3683	76554
29	Profit	-495	-15	927	292	10	-302	2091	49688

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details
Kottayam (Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	103	104	105	106	107	108	110	131	139	141
1	No. of Factories (Nos.)	4	2	9	16	31	1	1	3	2	4
2	Factories in Operation (Nos.)	3	2	9	16	30	1	1	3	2	4
3	Fixed Capital	39	95	1756	5999	7099	192	4	2405	399	112
4	Physical Working Capital	52	320	811	17417	1367	1101	83	314	369	271
5	Working Capital	142	1124	1372	19620	1452	844	103	4316	41	90
6	Invested Capital	91	415	2567	23416	8466	1293	87	2719	768	383
7	Gross Value of Additions to Fixed Capital	0	0	147	1258	261	17	0	7	174	4
8	Rent Paid	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	34	174	427	2908	8440	0	0	3147	303	18
10	Interest Paid	1	35	53	518	361	0	0	933	48	9
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1	0	15	13	11	4	1	5	4	0
13	Gross Value of P&M	0	39	1688	11870	2158	381	0	1516	407	1
14	Value of Products & By-products	225	1901	23248	16013	19096	15119	547	2096	3950	429
15	Other Output	0	2590	5829	62739	2397	1991	5	78	120	67
16	Total Output	225	4491	29077	78752	21493	17110	552	2174	4070	496
17	Fuels Consumed	13	30	483	2102	901	187	2	397	136	7
18	Material Consumed for Manufacturing	180	1789	20212	68583	13164	12346	357	1261	3272	227
19	Other Input	7	2497	6597	3334	3096	2009	154	128	390	92
20	Total Input	200	4316	27292	74019	17161	14542	513	1786	3798	326
21	Gross Value Added (GVA)	25	175	1785	4733	4332	2568	39	388	272	170
22	Depreciation	6	15	227	975	632	27	0	211	49	11
23	Net Value Added (NVA)	19	160	1558	3758	3700	2541	39	177	223	159
24	Net Fixed Capital Formation	-6	-30	-120	260	-371	-10	0	-204	43	-6
25	Gross Fixed Capital Formation	0	-15	107	1235	261	17	0	7	92	5
26.1	Addition in Stock of - Materials Fuels etc.	0	1	44	6286	127	681	4	79	-1	-14
26.2	Addition in Stock of - Semi Finished Goods	-1	0	0	1	-68	0	11	28	0	0
26.3	Addition in Stock of - Finished Goods	-41	51	-155	42	-351	9	-9	61	59	32
26.4	Addition in Stock of - Total	-42	52	-111	6329	-292	690	6	168	58	18
27	Gross Capital Formation	-42	37	-4	7564	-31	707	6	175	150	23
28	Net Income	18	125	1505	3240	3339	2541	39	-756	175	150
29	Profit	4	33	154	772	738	1601	14	-1388	29	14

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kottayam****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	151	152	161	162	170	181	192	201	202
1	No. of Factories (Nos.)	2	43	16	24	5	34	2	4	4
2	Factories in Operation (Nos.)	1	43	16	24	5	34	2	4	4
3	Fixed Capital	65	4432	446	1146	459	69045	466	528	1332
4	Physical Working Capital	184	9923	45	311	290	5638	244	740	657
5	Working Capital	198	-10460	526	540	778	57070	146	-1938	345
6	Invested Capital	249	14355	491	1457	749	74683	710	1268	1989
7	Gross Value of Additions to Fixed Capital	0	592	26	150	94	1813	24	68	55
8	Rent Paid	0	0	0	0	0	1	0	0	0
9	Outstanding Loan	141	0	0	628	140	12560	402	45	158
10	Interest Paid	12	62	34	71	24	2777	42	31	21
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	0	16	1	1	15	2090	2	5	2
13	Gross Value of P&M	0	2687	0	0	1695	66572	296	144	0
14	Value of Products & By-products	113	83219	3314	5796	4805	47102	780	4763	3666
15	Other Output	0	1680	85	4	38	43471	98	1374	441
16	Total Output	113	84899	3399	5800	4843	90573	878	6137	4107
17	Fuels Consumed	2	1495	70	131	666	1313	58	100	57
18	Material Consumed for Manufacturing	44	31744	2850	4651	3020	23276	594	3203	2358
19	Other Input	10	28991	97	159	284	17598	38	1621	724
20	Total Input	56	62230	3017	4941	3970	42187	690	4924	3139
21	Gross Value Added (GVA)	57	22669	382	859	873	48386	188	1213	968
22	Depreciation	2	861	61	174	81	11594	54	46	70
23	Net Value Added (NVA)	55	21808	321	685	792	36792	134	1167	898
24	Net Fixed Capital Formation	-2	-550	-36	-39	12	-9952	-33	24	-14
25	Gross Fixed Capital Formation	0	311	25	135	93	1642	21	70	56
26.1	Addition in Stock of - Materials, Fuels etc.	0	1075	9	74	13	-4064	50	101	12
26.2	Addition in Stock of - Semi Finished Goods	0	783	0	0	2	23	0	0	32
26.3	Addition in Stock of - Finished Goods	27	118	8	3	12	35	0	167	-54
26.4	Addition in Stock of - Total	27	1976	17	77	27	-4006	50	268	-10
27	Gross Capital Formation	27	2287	42	212	120	-2364	71	338	46
28	Net Income	43	21746	287	614	768	34014	92	1136	877
29	Profit	8	16897	93	137	111	3632	-9	671	608

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kottayam****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	210	221	222	239	241	243	251	259	271	272	273	281
1	No. of Factories (Nos.)	7	115	13	26	1	3	1	1	5	3	1	1
2	Factories in Operation (Nos.)	6	105	13	26	0	3	0	1	4	3	1	1
3	Fixed Capital	1566	50960	3634	10626	0	1702	0	119	179	158	51	34
4	Physical Working Capital	1538	27743	2159	1626	0	1701	0	143	612	91	6	33
5	Working Capital	1415	46993	2114	4935	0	1111	0	129	-435	-56	15	345
6	Invested Capital	3104	78703	5793	12252	0	3403	0	262	791	249	57	67
7	Gross Value of Additions to Fixed Capital	511	19202	585	1312	0	148	0	82	2	7	0	0
8	Rent Paid	0	1	1	18	0	10	0	0	0	0	0	0
9	Outstanding Loan	1451	4931	9933	6097	0	987	0	46	36	73	0	47
10	Interest Paid	215	2070	123	1095	0	288	0	3	18	10	0	9
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	25	853	20	135	0	3	0	0	18	0	0	1
13	Gross Value of P&M	1603	56229	526	13432	0	1541	0	0	17	0	0	0
14	Value of Products & By-products	9663	276288	15263	31224	0	23501	0	1702	1103	728	59	242
15	Other Output	178	82348	400	254	0	5	0	366	79	0	3	261
16	Total Output	9841	358636	15663	31478	0	23506	0	2068	1182	728	62	503
17	Fuels Consumed	226	9861	542	2726	0	285	0	69	11	35	1	6
18	Material Consumed for Manufacturing(₹ lakhs)	5849	202341	10305	10021	0	21689	0	1203	894	565	41	74
19	Other Input	965	81134	1219	8844	0	311	0	540	105	13	3	240
20	Total Input	7040	293336	12066	21591	0	22285	0	1812	1010	613	45	320
21	Gross Value Added (GVA)	2801	65300	3597	9887	0	1221	0	256	172	115	17	183
22	Depreciation	199	5579	551	1922	0	169	0	13	8	16	1	5
23	Net Value Added (NVA)	2602	59721	3046	7965	0	1052	0	243	164	99	16	178
24	Net Fixed Capital Formation	254	1653	-17	-711	0	-42	0	69	-35	-18	-1	-5
25	Gross Fixed Capital Formation	453	7232	534	1211	0	127	0	82	-27	-2	0	0
26.1	Addition in Stock of - Materials, Fuels etc.	-60	6960	388	-23	0	331	0	-13	173	-11	0	20
26.2	Addition in Stock of - Semi Finished Goods	-139	598	37	-224	0	0	0	0	106	-8	0	-10
26.3	Addition in Stock of - Finished Goods	64	-3158	377	334	0	-73	0	22	146	-19	3	-17
26.4	Addition in Stock of - Total	-135	4400	802	87	0	258	0	9	425	-38	3	-7
27	Gross Capital Formation	318	11632	1336	1298	0	385	0	91	398	-40	3	-7
28	Net Income	2387	57650	2922	6852	0	755	0	240	146	89	16	169
29	Profit	987	32353	757	3431	0	477	0	41	-2	45	-1	104

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kottayam****(Values in ₹ lakh unless otherwise mentioned)**

SL.N o.	Characteristic	282	292	293	310	323	325	581	Others	Total
1	No. of Factories (Nos.)	4	1	1	9	1	1	6	59	466
2	Factories in Operation (Nos.)	4	1	1	8	1	1	6	47	436
3	Fixed Capital	356	140	1	180	92	116	5528	10120	181581
4	Physical Working Capital	248	393	0	683	54	0	84	2270	79521
5	Working Capital	277	-292	41	512	44	175	213	5584	139429
6	Invested Capital	604	533	1	863	146	116	5612	12390	261102
7	Gross Value of Additions to Fixed Capital	117	2	0	15	9	2	180	517	27381
8	Rent Paid	0	0	0	0	0	0	8	39	78
9	Outstanding Loan	110	44	0	487	34	91	1846	2245	57983
10	Interest Paid	17	41	0	70	1	2	328	95	9417
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	0	6	1	9	26	1	3284
13	Gross Value of P&M	242	126	0	400	0	0	2594	1861	168025
14	Value of Products & By-products	658	188	0	684	405	355	2689	11622	612556
15	Other Output	144	7	84	32	31	1	1875	16594	225669
16	Total Output	802	195	84	716	436	356	4564	28216	838225
17	Fuels Consumed	32	7	2	37	14	10	103	439	22556
18	Material Consumed for Manufacturing	349	99	5	306	172	60	974	8961	457039
19	Other Input	107	32	3	211	82	83	1310	9033	172061
20	Total Input	488	138	10	554	268	153	2387	18433	651656
21	Gross Value Added (GVA)	314	57	74	162	168	203	2177	9783	186569
22	Depreciation	38	36	0	21	14	22	167	705	24562
23	Net Value Added (NVA)	276	21	74	141	154	181	2010	9078	162007
24	Net Fixed Capital Formation	-1	-35	0	-6	-5	-21	12	-311	-10254
25	Gross Fixed Capital Formation	37	1	0	15	9	1	179	394	14308
26.1	Addition in Stock of - Materials, Fuels etc.(₹ lakhs)	36	-87	-4	11	2	0	-11	252	12441
26.2	Addition in Stock of - Semi Finished Goods (In Lakhs)	-245	20	-6	-37	3	0	0	5	911
26.3	Addition in Stock of - Finished Goods	6	1	0	-34	-10	0	0	581	-1763
26.4	Addition in Stock of - Total	-203	-66	-10	-60	-5	0	-11	838	11589
27	Gross Capital Formation	-166	-65	-10	-45	4	1	168	1232	25897
28	Net Income	259	-20	74	71	153	179	1674	8944	152513
29	Profit	-2	-207	17	-284	25	28	28	5286	67202

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Alappuzha****Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	131	139
1	No. of Factories (Nos.)	87	2	4	5	8	69	1	2	15	160
2	Factories in Operation (Nos.)	86	2	4	5	4	60	1	2	15	125
3	Fixed Capital	74752	1663	256	5194	287	17364	1619	491	10514	21082
4	Physical Working Capital	68814	343	155	752	47	13105	1330	39	1715	26403
5	Working Capital	15167	321	105	-248	-126	-3521	-679	-363	-12513	33380
6	Invested Capital	143566	2006	411	5946	334	30469	2949	530	12229	47485
7	Gross Value of Additions to Fixed Capital	11979	11	11	546	40	2697	23	14	1921	3672
8	Rent Paid	0	0	0	0	0	42	0	0	0	0
9	Outstanding Loan	31923	328	187	370	3	10240	3765	40	7587	7571
10	Interest Paid	6259	59	20	162	0	2883	1	6	954	1634
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1352	0	0	9	1	400	2	1	11	1063
13	Gross Value of P&M	32703	0	113	0	0	6961	2083	2136	1158	16440
14	Value of Products & By-products	341257	662	1751	28804	1929	103340	12697	8	7872	145560
15	Other Output	26437	5	13	515	9	7402	47	48	1382	12824
16	Total Output	367694	667	1764	29319	1938	110742	12744	56	9254	158384
17	Fuels Consumed	9690	5	26	631	58	839	156	24	961	2101
18	Material Consumed for Manufacturing	303259	522	1696	23809	1117	83301	10037	6	5183	103507
19	Other Input	23644	30	50	1957	290	13379	696	120	921	24750
20	Total Input	336593	557	1772	26397	1465	97519	10889	150	7065	130358
21	Gross Value Added (GVA)	31101	110	-8	2922	473	13223	1855	-94	2189	28026
22	Depreciation	5757	263	35	510	26	1546	152	103	1217	2163
23	Net Value Added (NVA)	25344	-153	-43	2412	447	11677	1703	-197	972	25863
24	Net Fixed Capital Formation	5680	-252	-30	2	10	733	-129	-100	682	1083
25	Gross Fixed Capital Formation	11437	11	5	512	36	2279	23	3	1899	3246
26.1	Addition in Stock of - Materials, Fuels etc.	3615	-125	-7	115	47	-389	522	-66	32	2673
26.2	Addition in Stock of - Semi Finished Goods	69	12	0	-57	0	-73	0	0	-73	704
26.3	Addition in Stock of - Finished Goods	1879	-17	-10	-136	0	1591	95	-2	345	1875
26.4	Addition in Stock of - Total	5563	-130	-17	-78	47	1129	617	-68	304	5252
27	Gross Capital Formation	17000	-119	-12	434	83	3408	640	-65	2203	8498
28	Net Income	19085	-212	-63	2250	447	8752	1702	-203	18	24229
29	Profit	4033	-243	-133	1124	-19	-794	900	-472	-2523	9416

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Alappuzha****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	141	143	152	161	162	170	181	192	201	202	210
1	No. of Factories (Nos.)	1	1	1	9	5	24	2	1	4	4	12
2	Factories in Operation (Nos.)	1	1	1	6	5	20	2	1	3	4	8
3	Fixed Capital	27	23	162	100	1126	1034	44	69	39	1119	11899
4	Physical Working Capital	12	15	39	10	520	269	2	0	6	1189	3290
5	Working Capital	56	16	183	17	159	998	-25	0	-28	1134	11205
6	Invested Capital	39	38	201	110	1646	1303	46	69	45	2308	15189
7	Gross Value of Additions to Fixed Capital	12	4	71	0	248	16	1	0	0	237	5053
8	Rent Paid	0	0	0	0	1	0	0	0	0	0	0
9	Outstanding Loan	0	0	55	15	1137	809	23	0	167	727	10448
10	Interest Paid	0	0	3	1	87	96	0	0	0	236	795
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	2	1	0	0	3	0	1	0	1	16	409
13	Gross Value of P&M	32	35	0	0	567	0	0	0	193	378	6177
14	Value of Products & By-products	116	103	321	222	1852	3416	0	0	191	6953	17999
15	Other Output	4	3	1	0	273	5	36	0	2	90	568
16	Total Output	120	106	322	222	2125	3421	36	0	193	7043	18567
17	Fuels Consumed	1	2	5	4	100	106	2	0	67	68	426
18	Material Consumed for Manufacturing	57	58	253	152	1296	2026	15	0	83	4336	10088
19	Other Input	12	2	13	4	433	525	1	0	20	731	1903
20	Total Input	70	62	271	160	1829	2657	18	0	170	5135	12417
21	Gross Value Added (GVA)	50	44	51	62	296	764	18	0	23	1908	6150
22	Depreciation	5	4	19	10	146	63	7	0	0	129	946
23	Net Value Added (NVA)	45	40	32	52	150	701	11	0	23	1779	5204
24	Net Fixed Capital Formation	7	0	51	-10	103	-47	-6	0	-1	77	2487
25	Gross Fixed Capital Formation	12	4	70	0	249	16	1	0	-1	206	3433
26.1	Addition in Stock of - Materials, Fuels etc.	-7	5	-5	0	103	30	1	0	3	206	47
26.2	Addition in Stock of - Semi Finished Goods	5	-6	0	0	-18	1	0	0	0	0	52
26.3	Addition in Stock of - Finished Goods	1	1	0	3	5	-1	0	0	0	-2	-341
26.4	Addition in Stock of - Total	-1	0	-5	3	90	30	1	0	3	204	-242
27	Gross Capital Formation	11	4	65	3	339	46	2	0	2	410	3191
28	Net Income	45	40	29	51	62	605	11	0	23	1543	4409
29	Profit	0	6	0	8	-190	119	7	0	-50	476	1569

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Alappuzha****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	221	222	239	241	243	251	259	265	271
1	No. of Factories (Nos.)	24	9	50	2	2	8	8	1	5
2	Factories in Operation (Nos.)	18	9	35	2	2	6	8	1	4
3	Fixed Capital	650	1283	1209	747	10588	2752	758	325	206
4	Physical Working Capital	703	740	544	1004	1871	3033	568	883	1176
5	Working Capital	-320	662	765	71	-7178	3006	215	1619	610
6	Invested Capital	1353	2023	1753	1751	12459	5785	1326	1208	1382
7	Gross Value of Additions to Fixed Capital	137	307	34	15	413	1960	176	37	73
8	Rent Paid	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	132	860	10	350	3248	322	367	0	33
10	Interest Paid	70	117	24	88	230	306	39	11	0
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	6	12	0	3	34	0	0	0	0
13	Gross Value of P&M	0	362	0	757	2126	125	0	362	370
14	Value of Products & By-products	12333	9913	1971	7767	6304	14441	1074	1813	3300
15	Other Output	403	15	164	36	115	250	380	1231	271
16	Total Output	12736	9928	2135	7803	6419	14691	1454	3044	3571
17	Fuels Consumed	321	252	63	54	477	33	96	12	21
18	Material Consumed for Manufacturing	10476	5848	589	7200	4693	12987	1057	979	2612
19	Other Input	894	387	131	102	622	532	104	716	286
20	Total Input	11691	6487	783	7356	5792	13552	1257	1707	2919
21	Gross Value Added (GVA)	1045	3441	1352	447	627	1139	197	1337	652
22	Depreciation	95	151	404	107	62	109	79	36	43
23	Net Value Added (NVA)	950	3290	948	340	565	1030	118	1301	609
24	Net Fixed Capital Formation	42	118	-371	-92	352	1849	96	1	29
25	Gross Fixed Capital Formation	137	269	33	15	414	1958	175	37	72
26.1	Addition in Stock of - Materials, Fuels etc.	-39	-14	23	264	150	805	32	115	235
26.2	Addition in Stock of - Semi Finished Goods	7	-8	-1	0	187	-72	0	17	-174
26.3	Addition in Stock of - Finished Goods	-141	182	11	80	24	-6	222	-17	-2
26.4	Addition in Stock of - Total	-173	160	33	344	361	727	254	115	59
27	Gross Capital Formation	-36	429	66	359	775	2685	429	152	131
28	Net Income	880	3173	924	252	335	724	79	1290	609
29	Profit	564	2430	448	145	-1195	-54	-141	348	-3

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Alappuzha****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	273	279	281	282	291	301	310	329	331	Others	Total
1	No. of Factories (Nos.)	1	1	2	3	1	4	8	8	1	91	646
2	Factories in Operation (Nos.)	1	1	2	3	1	4	8	8	1	76	546
3	Fixed Capital	1	1082	1488	620	40	569	823	3149	10	12383	187547
4	Physical Working Capital	0	289	1209	215	171	1568	790	10838	59	4069	147785
5	Working Capital	0	-962	1172	221	43	140	330	14294	294	1882	62102
6	Invested Capital	1	1371	2697	835	211	2137	1613	13987	69	16452	335332
7	Gross Value of Additions to Fixed Capital	0	411	57	78	0	5	0	561	7	1758	32585
8	Rent Paid	0	0	0	33	2	0	0	0	0	41	119
9	Outstanding Loan	0	0	157	584	44	331	309	3204	0	3671	89017
10	Interest Paid	0	15	72	46	2	99	97	464	0	644	15520
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	10	1	0	39	1	140	0	259	3777
13	Gross Value of P&M	0	958	646	101	0	288	345	22	0	830	76268
14	Value of Products & By-products	55	2250	4079	1161	79	1167	864	16316	0	31146	791086
15	Other Output	0	414	790	85	0	42	58	2383	704	11771	68776
16	Total Output	55	2664	4869	1246	79	1209	922	18699	704	42917	859862
17	Fuels Consumed	3	39	44	66	1	12	20	222	4	880	17892
18	Material Consumed for Manufacturing	33	1436	2706	513	51	557	528	12158	629	28417	644270
19	Other Input	1	398	895	72	2	229	113	3958	9	6992	85924
20	Total Input	37	1873	3645	651	54	798	661	16338	642	36289	748086
21	Gross Value Added (GVA)	18	791	1224	595	25	411	261	2361	62	6628	111776
22	Depreciation	0	83	155	95	2	33	49	303	2	970	15879
23	Net Value Added (NVA)	18	708	1069	500	23	378	212	2058	60	5658	95897
24	Net Fixed Capital Formation	0	328	-82	-17	-2	-27	-49	257	4	778	13554
25	Gross Fixed Capital Formation	0	411	73	78	0	6	0	560	6	1748	29433
26.1	Addition in Stock of - Materials, Fuels etc.	0	137	47	53	0	-22	72	1889	-211	266	10602
26.2	Addition in Stock of - Semi Finished Goods	0	0	-52	58	21	175	-244	189	0	0	719
26.3	Addition in Stock of - Finished Goods	0	68	-51	11	-5	47	13	929	0	552	7203
26.4	Addition in Stock of - Total	0	205	-56	122	16	200	-159	3007	-211	818	18524
27	Gross Capital Formation	0	616	17	200	16	206	-159	3567	-205	2566	47957
28	Net Income	18	693	997	421	19	279	115	1594	60	4973	80258
29	Profit	1	164	342	74	8	19	-2	932	25	1451	18790

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Pathanamthitta

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	104	105	106	107	110	139	152	161	162	181	201	202
1	No. of Factories (Nos.)	3	4	2	52	5	6	2	3	4	1	2	2
2	Factories in Operation (Nos.)	3	4	2	45	5	6	2	2	4	1	2	2
3	Fixed Capital	82	2857	666	10241	545	424	24	34	421	11	178	141
4	Physical Working Capital	168	964	8	15709	400	302	3	24	290	21	18	157
5	Working Capital	205	-479	395	16776	2982	64	6	-37	240	-11	133	362
6	Invested Capital	250	3821	674	25950	945	726	27	58	711	32	196	298
7	Gross Value of Additions to Fixed Capital	17	285	105	1934	42	19	0	10	2	0	14	1
8	Rent Paid	0	0	0	16	0	0	0	0	0	0	0	0
9	Outstanding Loan	58	4401	230	5316	44	374	0	1	381	1	139	10
10	Interest Paid	30	202	1	403	3	44	1	2	55	0	20	0
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	3	6	14	124	84	0	0	1	0	0	1	14
13	Gross Value of P&M	0	2816	269	8937	170	0	0	38	70	0	0	0
14	Value of Products & By-products	1784	19647	823	58045	6472	2212	0	137	1363	0	355	321
15	Other Output	0	1202	1610	1976	1368	7	19	1	136	69	1	1
16	Total Output	1784	20849	2433	60021	7840	2219	19	138	1499	69	356	322
17	Fuels Consumed	14	426	277	835	33	27	0	5	26	4	1	14
18	Material Consumed for Manufacturing	1663	17853	1302	44382	5081	1871	0	80	1107	35	279	204
19	Other Input	20	1135	256	3264	1317	80	1	10	91	11	23	9
20	Total Input	1697	19414	1835	48481	6431	1978	1	95	1224	50	303	227
21	Gross Value Added (GVA)	87	1435	598	11540	1409	241	18	43	275	19	53	95
22	Depreciation	15	402	76	785	38	48	2	2	16	2	22	17
23	Net Value Added (NVA)	72	1033	522	10755	1371	193	16	41	259	17	31	78
24	Net Fixed Capital Formation	2	-125	29	140	-25	-45	-2	7	-14	-2	-8	-43
25	Gross Fixed Capital Formation	17	277	105	925	13	3	0	9	2	0	14	-26
26.1	Addition in Stock of - Materials, Fuels etc.	16	36	-12	1010	117	11	0	-7	-82	5	1	27
26.2	Addition in Stock of - Semi Finished Goods	-2	0	0	4029	0	-7	0	-9	0	0	0	20
26.3	Addition in Stock of - Finished Goods	16	-2	0	63	-20	-18	0	-1	-5	0	3	22
26.4	Addition in Stock of - Total	30	34	-12	5102	97	-14	0	-17	-87	5	4	69
27	Gross Capital Formation	47	311	93	6027	110	-11	0	-8	-85	5	18	43
28	Net Income	42	831	521	10336	1368	149	15	39	204	17	11	78
29	Profit	10	-418	209	6916	946	29	1	-93	43	1	-1	26

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Pathanamthitta		(Values in ₹ lakh unless otherwise mentioned)												
Sl.No.	Characteristic	210	221	222	239	241	251	259	271	274	310	325	Others	Total
1	No. of Factories (Nos.)	3	12	4	51	1	3	2	1	1	4	2	51	221
2	Factories in Operation (Nos.)	3	12	4	46	1	3	2	1	1	4	2	46	203
3	Fixed Capital	262	459	631	20412	741	446	128	84	13	128	10	19079	58017
4	Physical Working Capital	167	630	30	1089	0	342	266	3	60	110	24	2368	23153
5	Working Capital	48	460	25	6877	789	-98	-76	89	22	-25	-29	-2931	25787
6	Invested Capital	429	1089	661	21501	741	788	394	87	73	238	34	21447	81170
7	Gross Value of Additions to Fixed Capital	50	107	112	2304	121	13	6	66	0	17	0	31	5256
8	Rent Paid	0	0	0	274	0	0	0	0	0	1	0	69	360
9	Outstanding Loan	640	162	0	7661	189	278	48	81	0	3	0	16101	36118
10	Interest Paid	21	44	11	931	115	43	8	3	10	1	0	1814	3762
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	4	0	0	267	0	0	0	1	0	0	0	16	535
13	Gross Value of P&M	105	257	0	12307	0	218	0	0	9	0	4	15585	40785
14	Value of Products & By-products	130	5347	913	35176	8487	1468	294	267	75	151	14	3486	146967
15	Other Output	1	83	18	1575	0	36	2	1	0	143	49	22687	30985
16	Total Output	131	5430	931	36751	8487	1504	296	268	75	294	63	26173	177952
17	Fuels Consumed	10	175	54	3718	63	27	14	5	0	4	2	127	5861
18	Material Consumed for Manufacturing	59	4326	685	7957	7775	1256	235	177	55	77	11	565	97035
19	Other Input	27	320	134	5765	53	30	13	10	6	140	5	18365	31085
20	Total Input	96	4821	873	17440	7891	1313	262	192	61	221	18	19057	133981
21	Gross Value Added (GVA)	35	609	58	19311	596	191	34	76	14	73	45	7116	43971
22	Depreciation	22	63	69	3180	91	50	17	9	1	13	1	1106	6047
23	Net Value Added (NVA)	13	546	-11	16131	505	141	17	67	13	60	44	6010	37924
24	Net Fixed Capital Formation	28	45	37	-1046	-8	-36	-11	58	-1	3	-1	-1070	-2088
25	Gross Fixed Capital Formation	50	108	106	2134	83	14	6	67	0	16	0	36	3959
26.1	Addition in Stock of - Materials, Fuels etc. (In Lakhs)	20	168	0	-97	-857	-17	-9	-7	12	17	0	-37	315
26.2	Addition in Stock of - Semi Finished Goods (In Lakhs)	0	1	0	0	0	0	4	0	0	3	0	-67	3972
26.3	Addition in Stock of - Finished Goods	7	-13	14	-33	0	32	-4	0	0	-7	1	1111	1166
26.4	Addition in Stock of - Total	27	156	14	-130	-857	15	-9	-7	12	13	1	1007	5453
27	Gross Capital Formation	77	264	120	2004	-774	29	-3	60	12	29	1	1043	9412
28	Net Income	-8	502	-22	14925	390	98	9	64	3	58	44	4126	33800
29	Profit	-51	-184	-137	4748	242	36	-19	13	-2	-8	1	1695	14003

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kollam****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	131	139
1	No. of Factories (Nos.)	19	1	4	4	4	595	1	8	8	3
2	Factories in Operation (Nos.)	19	1	4	4	4	514	1	6	8	2
3	Fixed Capital	5584	263	6326	2670	641	57158	108	76	3237	91
4	Physical Working Capital	20492	13	2848	998	974	75861	10	169	145	182
5	Working Capital	13703	-213	13399	-553	499	-129951	22	208	-2342	328
6	Invested Capital	26076	276	9174	3668	1615	133019	118	245	3382	273
7	Gross Value of Additions to Fixed Capital	386	2	0	361	124	3563	1	20	2064	1
8	Rent Paid	0	0	0	0	0	7	0	0	0	0
9	Outstanding Loan	12636	0	56	925	1277	41558	18	171	24148	164
10	Interest Paid	1345	0	19	133	125	12001	7	7	2	20
11	Rent Received	0	0	0	0	0	8	0	0	0	0
12	Interest Received	87	0	487	8	0	598	0	1	1	0
13	Gross Value of P&M	1436	0	5297	3244	412	840	0	0	1691	0
14	Value of Products & By-products	54019	92	34443	33186	5791	310737	1109	408	217	324
15	Other Output	1480	1	307	1644	30	91227	2	0	384	12
16	Total Output	55499	93	34750	34830	5821	401964	1111	408	601	336
17	Fuels Consumed	731	5	224	770	240	2125	35	26	14	7
18	Material Consumed for Manufacturing	47041	63	28660	27363	4411	256276	892	301	117	195
19	Other Input	2280	6	412	3493	428	98808	55	12	52	44
20	Total Input	50052	74	29296	31626	5079	357209	982	339	183	246
21	Gross Value Added (GVA)	5447	19	5454	3204	742	44755	129	69	418	90
22	Depreciation	748	8	559	365	136	3564	13	10	160	3
23	Net Value Added (NVA)	4699	11	4895	2839	606	41191	116	59	258	87
24	Net Fixed Capital Formation	-371	-5	-559	-77	-43	-1887	-13	10	1672	-3
25	Gross Fixed Capital Formation	377	3	0	288	93	1677	0	20	1832	0
26.1	Addition in Stock of - Materials, Fuels etc.	3264	0	295	140	235	-2030	-8	9	17	7
26.2	Addition in Stock of - Semi Finished Goods	0	4	0	0	-52	-1205	0	0	32	0
26.3	Addition in Stock of - Finished Goods	250	-2	-8	130	-10	3932	-11	24	37	0
26.4	Addition in Stock of - Total	3514	2	287	270	173	697	-19	33	86	7
27	Gross Capital Formation	3891	5	287	558	266	2374	-19	53	1918	7
28	Net Income	3354	11	4876	2706	481	29183	109	52	256	67
29	Profit	1743	-12	1212	649	12	-10487	26	8	-513	7

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Kollam****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	141	161	162	170	181	191	192	201	202	210	221
1	No. of Factories (Nos.)	2	25	8	8	8	1	1	2	6	8	12
2	Factories in Operation (Nos.)	2	25	6	6	8	1	1	2	6	8	12
3	Fixed Capital	82	3214	1630	129	858	19	1461	36877	996	538	13706
4	Physical Working Capital	125	375	210	41	98	0	46	15509	833	200	1374
5	Working Capital	298	262	-1888	170	-158	0	46	40972	910	-76	-5184
6	Invested Capital	207	3589	1840	170	956	19	1507	52386	1829	738	15080
7	Gross Value of Additions to Fixed Capital	4	0	87	0	48	0	0	7156	168	243	384
8	Rent Paid	0	0	0	0	0	0	0	303	0	0	0
9	Outstanding Loan	101	191	1583	10	500	0	0	38	518	241	1439
10	Interest Paid	1	35	79	0	93	0	0	176	73	34	673
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	0	0	11	1	0	0	1741	0	0	31
13	Gross Value of P&M	0	0	0	0	189	0	0	22503	507	123	2335
14	Value of Products & By-products	284	351	2438	181	500	0	0	74644	3741	1150	18417
15	Other Output	15	505	76	84	408	0	5788	586	79	15	81
16	Total Output	299	856	2514	265	908	0	5788	75230	3820	1165	18498
17	Fuels Consumed	5	15	51	5	35	0	5	17462	41	23	301
18	Material Consumed for Manufacturing	127	180	2171	90	546	0	0	21914	2318	574	12734
19	Other Input	38	329	76	98	186	0	3784	2531	325	94	909
20	Total Input	170	524	2298	193	767	0	3789	41907	2684	691	13944
21	Gross Value Added (GVA)	129	332	216	72	141	0	1999	33323	1136	474	4554
22	Depreciation	13	83	58	9	91	2	149	1830	142	65	298
23	Net Value Added (NVA)	116	249	158	63	50	-2	1850	31493	994	409	4256
24	Net Fixed Capital Formation	-10	-83	29	-9	-52	-2	-149	-2693	2	179	-30
25	Gross Fixed Capital Formation	3	0	87	0	39	0	0	-863	144	244	268
26.1	Addition in Stock of - Materials, Fuels etc.	8	14	-4	8	-15	0	1	1312	157	-1	239
26.2	Addition in Stock of - Semi Finished Goods	0	0	0	-1	0	0	0	238	0	0	0
26.3	Addition in Stock of - Finished Goods	-57	-22	6	12	-2	0	0	-2925	-13	-2	69
26.4	Addition in Stock of - Total	-49	-8	2	19	-17	0	1	-1375	144	-3	308
27	Gross Capital Formation	-46	-8	89	19	22	0	1	-2238	288	241	576
28	Net Income	115	214	79	63	-43	-2	1850	31014	921	375	3583
29	Profit	-27	56	-50	13	-147	-2	292	10911	589	103	2553

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details
Kollam (Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	222	239	241	242	243	251	259	271	281	282	292
1	No. of Factories (Nos.)	12	227	2	2	1	1	8	10	2	2	1
2	Factories in Operation (Nos.)	9	107	1	2	1	1	6	10	2	2	1
3	Fixed Capital	1873	14541	0	5	74	400	192	513	332	103	4
4	Physical Working Capital	2551	3042	0	8192	49	6	200	1592	120	2	0
5	Working Capital	179	-3295	0	7858	27	21	59	-17225	250	-610	5
6	Invested Capital	4424	17583	0	8197	123	406	392	2105	452	105	4
7	Gross Value of Additions to Fixed Capital	74	2993	0	0	0	117	49	113	326	0	0
8	Rent Paid	0	3	0	2	0	0	0	0	12	0	0
9	Outstanding Loan	1876	15837	0	0	80	243	192	1106	124	0	3
10	Interest Paid	505	2123	0	0	3	26	46	696	18	0	0
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	7	51	0	0	0	0	0	15	0	0	0
13	Gross Value of P&M	2354	2120	0	0	0	0	310	555	321	0	0
14	Value of Products & By-products	12036	25608	0	2678	51	0	911	5702	2906	7	0
15	Other Output	1198	25	0	95	0	733	59	2909	241	0	14
16	Total Output	13234	25633	0	2773	51	733	970	8611	3147	7	14
17	Fuels Consumed	427	3816	0	276	5	64	18	39	10	0	1
18	Material Consumed for Manufacturing	10406	12080	0	1679	24	6	611	4346	1577	3	0
19	Other Input	786	2605	0	229	1	493	96	2793	381	2	1
20	Total Input	11619	18501	0	2184	30	563	725	7178	1968	5	2
21	Gross Value Added (GVA)	1615	7132	0	589	21	170	245	1433	1179	2	12
22	Depreciation	379	1685	0	1	3	20	24	51	55	11	0
23	Net Value Added (NVA)	1236	5447	0	588	18	150	221	1382	1124	-9	12
24	Net Fixed Capital Formation	-332	333	0	-1	-3	97	25	64	265	-11	0
25	Gross Fixed Capital Formation	47	2018	0	0	0	117	49	115	320	0	0
26.1	Addition in Stock of - Materials, Fuels etc.	234	699	0	165	1	0	-60	97	-42	0	0
26.2	Addition in Stock of - Semi Finished Goods	0	-1	0	-57	0	0	53	186	-9	0	0
26.3	Addition in Stock of - Finished Goods	326	-17	0	431	0	0	-31	-245	0	-1	0
26.4	Addition in Stock of - Total	560	681	0	539	1	0	-38	38	-51	-1	0
27	Gross Capital Formation	607	2699	0	539	1	117	11	153	269	-1	0
28	Net Income	731	3321	0	586	15	124	175	686	1094	-9	12
29	Profit	-495	-375	0	-145	8	45	22	-1014	597	-11	3

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Kollam

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	301	303	310	321	324	331	Others	Total
1	No. of Factories (Nos.)	1	1	4	1	1	1	83	1088
2	Factories in Operation (Nos.)	1	1	3	1	1	1	83	873
3	Fixed Capital	7	68	101	199	41	18	11057	165192
4	Physical Working Capital	0	0	328	317	61	0	6748	143711
5	Working Capital	2	-8	255	-597	7	179	257	-82184
6	Invested Capital	7	68	429	516	102	18	17805	308903
7	Gross Value of Additions to Fixed Capital	0	3	10	156	1	0	375	18829
8	Rent Paid	0	0	0	0	0	0	243	570
9	Outstanding Loan	0	75	84	82	0	0	8218	113494
10	Interest Paid	0	2	11	68	0	2	730	19053
11	Rent Received	0	0	0	0	0	0	0	8
12	Interest Received	0	1	0	0	1	0	14	3055
13	Gross Value of P&M	0	0	32	0	56	0	123	44448
14	Value of Products & By-products	0	0	432	297	387	0	1363	594410
15	Other Output	22	202	0	0	29	759	98784	207794
16	Total Output	22	202	432	297	416	759	100147	802204
17	Fuels Consumed	2	5	12	1	6	0	717	27519
18	Material Consumed for Manufacturing	1	6	313	192	201	0	1037	438455
19	Other Input	1	18	21	8	53	677	86052	208177
20	Total Input	4	29	346	201	260	677	87806	674151
21	Gross Value Added (GVA)	18	173	86	96	156	82	12341	128053
22	Depreciation	1	12	12	20	6	1	1089	11676
23	Net Value Added (NVA)	17	161	74	76	150	81	11252	116377
24	Net Fixed Capital Formation	-1	-9	-3	136	-4	-1	-841	-4380
25	Gross Fixed Capital Formation	0	3	9	156	2	0	248	7296
26.1	Addition in Stock of - Materials, Fuels etc.	0	0	12	11	-40	0	270	4995
26.2	Addition in Stock of - Semi Finished Goods	0	0	1	0	-6	0	685	-132
26.3	Addition in Stock of - Finished Goods	0	0	29	0	-1	0	1570	3469
26.4	Addition in Stock of - Total	0	0	42	11	-47	0	2525	8332
27	Gross Capital Formation	0	3	51	167	-45	0	2773	15628
28	Net Income	17	159	63	8	150	79	10279	96754
29	Profit	6	2	28	3	13	60	4308	9991

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details
Thiruvananthapuram
(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	102	103	104	105	106	107	110	131	139	141	161
1	No. of Factories (Nos.)	2	1	2	10	4	65	2	15	3	3	4
2	Factories in Operation (Nos.)	2	1	2	10	4	59	2	15	3	2	2
3	Fixed Capital	543	36	507	7470	428	6755	83	1381	2495	57	1
4	Physical Working Capital	942	5	64	1215	828	11042	68	368	372	3	0
5	Working Capital	257	35	29	-11	855	7753	-80	-1621	213	-30	10
6	Invested Capital	1485	41	571	8685	1256	17797	151	1749	2867	60	1
7	Gross Value of Additions to Fixed Capital	282	13	0	655	34	189	7	5	5	22	0
8	Rent Paid	0	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	300	14	150	7981	257	3501	0	14789	3781	0	0
10	Interest Paid	60	4	5	171	56	534	0	947	0	0	0
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1	0	1	11	6	11	0	6	3	0	0
13	Gross Value of P&M	784	0	0	6409	316	0	1	3884	0	0	0
14	Value of Products & By-products	2772	176	886	52319	7841	38170	1	1118	1032	0	0
15	Other Output	101	53	7	1848	5378	20820	1	649	3	148	11
16	Total Output	2873	229	893	54167	13219	58990	2	1767	1035	148	11
17	Fuels Consumed	91	2	16	865	198	435	12	259	25	9	2
18	Material Consumed for Manufacturing	2315	110	802	42530	6445	32359	8	805	705	6	0
19	Other Input	243	60	35	3362	5793	21662	72	149	17	24	0
20	Total Input	2649	172	853	46757	12436	54456	92	1213	747	39	2
21	Gross Value Added (GVA)	224	57	40	7410	783	4534	-90	554	288	109	9
22	Depreciation	41	5	33	1070	62	484	8	97	271	9	0
23	Net Value Added (NVA)	183	52	7	6340	721	4050	-98	457	17	100	9
24	Net Fixed Capital Formation	243	8	-33	-419	-28	-299	-1	-92	-267	13	0
25	Gross Fixed Capital Formation	284	13	0	651	34	185	7	5	4	22	0
26.1	Addition in Stock of - Materials, Fuels etc.	-1	2	11	7	301	3982	4	-212	0	1	0
26.2	Addition in Stock of - Semi Finished Goods	0	0	11	-20	0	11	0	11	-5	0	0
26.3	Addition in Stock of - Finished Goods	6	2	23	163	-188	13	0	-211	-13	0	0
26.4	Addition in Stock of - Total	5	4	45	150	113	4006	4	-412	-18	1	0
27	Gross Capital Formation	289	17	45	801	147	4191	11	-407	-14	23	0
28	Net Income	123	48	2	6169	665	3516	-98	-490	17	100	9
29	Profit	-14	19	-75	2585	271	419	-161	-1678	-261	-43	7

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details
Thiruvananthapuram
(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	162	170	181	201	202	210	221	222	231	239
1	No. of Factories (Nos.)	5	6	16	3	3	11	16	15	2	45
2	Factories in Operation (Nos.)	5	6	13	3	2	8	12	15	2	45
3	Fixed Capital	2731	422	9607	3334	82	2941	3927	26631	248	35182
4	Physical Working Capital	1062	458	548	3165	157	1918	4697	15221	215	2953
5	Working Capital	549	572	29	963	329	1904	89796	47315	137	12594
6	Invested Capital	3793	880	10155	6499	239	4859	8624	41852	463	38135
7	Gross Value of Additions to Fixed Capital	803	0	116	393	9	168	264	2227	9	7406
8	Rent Paid	0	0	0	0	0	0	0	0	0	329
9	Outstanding Loan	2089	433	7836	5124	24	3085	68	13268	269	15948
10	Interest Paid	266	30	345	602	2	189	1	540	42	1669
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	16	0	20	149	8	1	20	88	1	225
13	Gross Value of P&M	1159	196	7118	5879	0	1372	8192	12656	955	4876
14	Value of Products & By-products	4460	1359	4439	15434	2060	15232	20736	37384	831	45934
15	Other Output	126	16	4106	369	0	1459	875	11112	1	3288
16	Total Output	4586	1375	8545	15803	2060	16691	21611	48496	832	49222
17	Fuels Consumed	199	58	337	2065	17	303	1353	1277	67	5648
18	Material Consumed for Manufacturing	1786	767	2310	5514	1499	6223	10205	16023	458	19882
19	Other Input	398	245	2186	1879	141	5633	1964	15374	67	9376
20	Total Input	2383	1070	4833	9458	1657	12159	13522	32674	592	34906
21	Gross Value Added (GVA)	2203	305	3712	6345	403	4532	8089	15822	240	14316
22	Depreciation	178	35	1073	485	18	367	647	2471	33	2691
23	Net Value Added (NVA)	2025	270	2639	5860	385	4165	7442	13351	207	11625
24	Net Fixed Capital Formation	551	-35	-956	-35	-8	-148	-383	-695	-24	4145
25	Gross Fixed Capital Formation	729	0	117	450	10	219	264	1776	9	6836
26.1	Addition in Stock of - Materials , Fuels etc.	-18	3	-25	559	-108	-13	638	1013	-11	-474
26.2	Addition in Stock of - Semi Finished Goods	12	0	0	147	-3	23	132	216	0	-29
26.3	Addition in Stock of - Finished Goods	245	-10	-15	-1499	-23	17	-399	77	52	88
26.4	Addition in Stock of - Total	239	-7	-40	-793	-134	27	371	1306	41	-415
27	Gross Capital Formation	968	-7	77	-343	-124	246	635	3082	50	6421
28	Net Income	1759	240	2294	5258	383	3976	7441	12811	165	9628
29	Profit	1235	26	-54	-6339	109	949	1365	2580	20	3031

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details

Thiruvananthapuram

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	243	251	259	261	262	263	264	266	271	274	275	279
1	No. of Factories (Nos.)	2	4	1	2	4	1	2	1	1	2	2	1
2	Factories in Operation (Nos.)	2	3	1	1	4	1	2	1	1	2	2	1
3	Fixed Capital	77	111	3	348	986	683	69	332	545	115	204	36
4	Physical Working Capital	4	1333	90	2304	1521	3586	383	554	800	348	27	448
5	Working Capital	-16	918	53	4894	4318	6959	298	138	2446	893	-26	380
6	Invested Capital	81	1444	93	2652	2507	4269	452	886	1345	463	231	484
7	Gross Value of Additions to Fixed Capital	0	1	0	26	194	170	2	8	332	0	2	3
8	Rent Paid	0	0	0	0	5	0	0	0	0	0	1	0
9	Outstanding Loan	0	582	9	0	519	0	68	129	0	674	3	101
10	Interest Paid	0	144	11	7	156	12	14	31	0	73	0	60
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	12	1	2	5	2	1	0	64	0	0	1
13	Gross Value of P&M	25	57	21	1111	382	1572	199	198	341	119	51	238
14	Value of Products & By-products	13	1384	0	8606	2914	3988	1075	1029	2610	111	82	350
15	Other Output	26	6	82	124	8786	2635	258	0	0	0	133	0
16	Total Output	39	1390	82	8730	11700	6623	1333	1029	2610	111	215	350
17	Fuels Consumed	3	19	4	66	48	35	3	42	9	7	10	9
18	Material Consumed for Manufacturing	5	674	6	5702	2347	3069	325	381	731	67	118	187
19	Other Input	23	287	41	421	7587	1159	220	138	567	21	21	60
20	Total Input	31	980	51	6189	9982	4263	548	561	1307	95	149	256
21	Gross Value Added (GVA)	8	410	31	2541	1718	2360	785	468	1303	16	66	94
22	Depreciation	8	13	0	68	136	196	16	35	70	9	10	13
23	Net Value Added (NVA)	0	397	31	2473	1582	2164	769	433	1233	7	56	81
24	Net Fixed Capital Formation	-8	-12	0	-61	-32	-25	-13	-28	262	-9	-8	-10
25	Gross Fixed Capital Formation	0	1	0	7	104	171	3	7	332	0	2	3
26.1	Addition in Stock of - Materials, Fuels etc.	-2	130	2	728	295	107	27	95	121	30	-6	13
26.2	Addition in Stock of - Semi Finished Goods	0	-160	0	36	-1	285	-29	-177	5	0	-4	0
26.3	Addition in Stock of - Finished Goods	0	0	0	141	86	0	0	-114	-13	2	0	-47
26.4	Addition in Stock of - Total	-2	-30	2	905	380	392	-2	-196	113	32	-10	-34
27	Gross Capital Formation	-2	-29	2	912	484	563	1	-189	445	32	-8	-31
28	Net Income	0	253	20	2466	1421	2152	755	402	1233	-66	55	21
29	Profit	-27	70	0	433	141	-81	200	-63	842	-103	-47	-23

Table T.7: Estimate of Selected Characteristics of factory sector by 3 –digit industry group (NIC-2008) for the year 2020-21-District wise details**Thiruvananthapuram****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	281	282	301	303	309	310	325	331	Others	Total
1	No. of Factories (Nos.)	2	3	1	2	1	10	4	1	85	365
2	Factories in Operation (Nos.)	2	3	1	2	1	10	4	1	62	320
3	Fixed Capital	55	249	34	2521	657	426	125	280	18826	131543
4	Physical Working Capital	23	0	94	5433	379	374	128	8	3108	66246
5	Working Capital	71	3	-18	7257	-1553	-120	515	8	22985	212001
6	Invested Capital	78	249	128	7954	1036	800	253	288	21934	197789
7	Gross Value of Additions to Fixed Capital	1	0	0	92	194	2	4	0	677	14315
8	Rent Paid	0	0	0	0	0	0	0	0	6	341
9	Outstanding Loan	247	0	18	0	6361	348	0	0	26328	114304
10	Interest Paid	1	0	0	8	0	127	7	0	345	6459
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	2	0	0	84	0	0	0	0	52	793
13	Gross Value of P&M	16	0	0	7027	0	376	61	0	1340	66931
14	Value of Products & By-products	167	0	209	4069	377	1846	598	0	-345	281267
15	Other Output	11	0	3	3238	23	8	185	2533	32676	101098
16	Total Output	178	0	212	7307	400	1854	783	2533	32331	382365
17	Fuels Consumed	6	0	1	219	14	8	48	137	1079	15005
18	Material Consumed for Manufacturing	75	0	126	888	292	1684	336	2	831	168598
19	Other Input	15	1	13	1278	50	198	72	918	16366	98136
20	Total Input	96	1	140	2385	356	1890	456	1057	18276	281739
21	Gross Value Added (GVA)	82	-1	72	4922	44	-36	327	1476	14055	100626
22	Depreciation	5	15	10	270	65	95	18	41	2377	13548
23	Net Value Added (NVA)	77	-16	62	4652	-21	-131	309	1435	11678	87078
24	Net Fixed Capital Formation	-4	-15	-9	-71	141	-92	-14	-41	-1771	-283
25	Gross Fixed Capital Formation	1	0	1	199	206	3	4	0	606	13265
26.1	Addition in Stock of – Materials, Fuels etc.	-1	0	29	-353	23	66	7	1	-795	6176
26.2	Addition in Stock of - Semi Finished Goods	1	0	0	-583	-28	24	0	0	0	-125
26.3	Addition in Stock of - Finished Goods	-2	0	0	0	24	-26	-1	0	-25	-1647
26.4	Addition in Stock of - Total	-2	0	29	-936	19	64	6	1	-820	4404
27	Gross Capital Formation	-1	0	30	-737	225	67	10	1	-214	17669
28	Net Income	76	-16	62	4644	-21	-258	302	1435	11327	80279
29	Profit	-2	-16	-18	675	-405	-533	101	-706	2157	6586

Table T.8: Estimate of Selected Characteristics of factory sector in rural and urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Rural	Urban	Total
1	No. of Factories (Nos.)	4114	3858	7972
2	Factories in Operation (Nos.)	3478	3479	6957
3	Fixed Capital	1066254	4750823	5817077
4	Physical Working Capital	671678	1543984	2215662
5	Working Capital	625039	904040	1529079
6	Invested Capital	1737932	6294807	8032739
7	Gross Value of Additions to Fixed Capital	153530	955642	1109172
8	Rent Paid	2369	2624	4993
9	Outstanding Loan	488394	785865	1274259
10	Interest Paid	62065	128133	190198
11	Rent Received	528	94	622
12	Interest Received	10724	36777	47501
13	Gross Value of P&M	620766	2640834	3261600
14	Value of Products & By-products	3590785	9297322	12888107
15	Other Output	559189	980195	1539384
16	Total Output	4149974	10277517	14427491
17	Fuels Consumed	151438	508504	659942
18	Material Consumed for Manufacturing	2515881	7192466	9708347
19	Other Input	661033	1051989	1713022
20	Total Input	3328352	8752946	12081298
21	Gross Value Added (GVA)	821622	1524571	2346193
22	Depreciation	102262	277999	380261
23	Net Value Added (NVA)	719360	1246572	1965932
24	Net Fixed Capital Formation	28343	191029	219372
25	Gross Fixed Capital Formation	130605	469028	599633
26.1	Addition in Stock of – Materials, Fuels etc.	63866	171273	235139
26.2	Addition in Stock of - Semi Finished Goods	14975	75363	90338
26.3	Addition in Stock of - Finished Goods	-2449	100659	98210
26.4	Addition in Stock of - Total	76392	347295	423687
27	Gross Capital Formation	206997	816323	1023320
28	Net Income	654930	1115813	1770743
29	Profit	265544	480595	746139

Table T.9: District wise Estimates of Selected Characteristics of factory sector in rural and urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Kasaragod		Kannur		Wayanad		Kozhikode	
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
1	No. of Factories (Nos.)	179	170	239	491	45	25	64	404
2	Factories in Operation (Nos.)	136	155	134	414	42	25	64	366
3	Fixed Capital	7299	5213	20662	47704	7103	49738	17047	87504
4	Physical Working Capital	6124	9897	4563	28373	3281	4524	6711	47227
5	Working Capital	4707	15500	13104	23449	2073	2677	3111	22871
6	Invested Capital	13423	15110	25225	76077	10384	54262	23758	134731
7	Gross Value of Additions to Fixed Capital	262	563	2234	4204	422	1590	1068	8555
8	Rent Paid	1	0	0	74	5	1	0	19
9	Outstanding Loan	8175	2450	10225	27300	13519	5276	2468	29929
10	Interest Paid	568	507	564	6067	368	205	334	5213
11	Rent Received	0	0	0	0	0	0	0	0
12	Interest Received	9	28	38	423	4	33	5	690
13	Gross Value of P&M	1419	1807	1208	26327	2246	8621	5062	88450
14	Value of Products & By-products	19879	15977	30072	128447	41758	48379	52419	201862
15	Other Output	2735	11123	4213	33873	2667	18656	9290	92107
16	Total Output	22614	27100	34285	162320	44425	67035	61709	293969
17	Fuels Consumed	519	422	3882	5893	2144	1284	1124	8540
18	Material Consumed for Manufacturing	14000	13146	12913	95058	29109	35180	41499	143236
19	Other Input	1239	5884	3549	22880	3830	18089	9094	74985
20	Total Input	15758	19452	20344	123831	35083	54553	51717	226761
21	Gross Value Added (GVA)	6856	7648	13941	38489	9342	12482	9992	67208
22	Depreciation	884	463	2581	4857	692	895	1615	12444
23	Net Value Added (NVA)	5972	7185	11360	33632	8650	11587	8377	54764
24	Net Fixed Capital Formation	-668	-77	-359	-1186	-458	515	-567	-5706
25	Gross Fixed Capital Formation	216	386	2222	3671	234	1410	1048	6738
26.1	Addition in Stock of - Materials, Fuels etc.	1084	1488	173	886	-7	492	1342	2638
26.2	Addition in Stock of - Semi Finished Goods	523	-335	12	64	-3	115	144	805
26.3	Addition in Stock of - Finished Goods	-83	-73	241	786	40	416	380	-604
26.4	Addition in Stock of - Total	1524	1080	426	1736	30	1023	1866	2839
27	Gross Capital Formation	1740	1466	2648	5407	264	2433	2914	9577
28	Net Income	5404	6678	10796	27490	8277	11380	8043	49532
29	Profit	1,940	697	2,417	3,063	4,354	3,991	3,508	9925

Table T.9: District wise Estimates of Selected Characteristics of factory sector in rural and urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Malappuram		Palakkad		Thrissur		Ernakulam	
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
1	No. of Factories (Nos.)	142	198	350	210	449	468	924	666
2	Factories in Operation (Nos.)	136	194	350	207	399	425	810	566
3	Fixed Capital	14010	36070	132619	125552	78629	97850	429765	3857483
4	Physical Working Capital	12792	40425	68548	70857	43969	57823	311427	1010189
5	Working Capital	8996	23315	30460	36788	42107	63217	294308	520045
6	Invested Capital	26802	76495	201167	196409	122598	155673	741192	4867672
7	Gross Value of Additions to Fixed Capital	2099	7255	21012	10765	7564	12969	76087	848144
8	Rent Paid	503	72	445	148	0	189	482	1581
9	Outstanding Loan	14611	15800	78214	40450	32212	73013	154970	337360
10	Interest Paid	1403	2905	9374	4906	3640	8847	21862	66737
11	Rent Received	0	0	35	0	0	0	492	87
12	Interest Received	75	693	1008	484	367	1337	5228	25310
13	Gross Value of P&M	5222	24065	102538	94319	56069	35519	250776	2110640
14	Value of Products & By-products	62222	275917	356881	368313	328472	475894	1480953	6310278
15	Other Output	24646	34454	70449	62947	46566	131502	103191	236949
16	Total Output	86868	310371	427330	431260	375038	607396	1584144	6547227
17	Fuels Consumed	2339	7730	28462	21346	12523	8561	41575	414475
18	Material Consumed for Manufacturing	47297	231270	253435	279555	234967	413161	1028492	4880399
19	Other Input	25097	32229	77929	67947	51580	98387	206164	381604
20	Total Input	74733	271229	359826	368848	299070	520096	1276231	5676478
21	Gross Value Added (GVA)	12135	39142	67504	62412	75968	87300	307913	870749
22	Depreciation	1447	4316	11143	9032	7459	8296	42397	192957
23	Net Value Added (NVA)	10688	34826	56361	53380	68509	79004	265516	677792
24	Net Fixed Capital Formation	601	2906	6926	1337	-385	-2941	29279	195917
25	Gross Fixed Capital Formation	2048	7222	18069	10369	7074	5355	71676	388874
26.1	Addition in Stock of - Materials, Fuels etc.	174	5102	5760	5756	1919	2497	38800	131721
26.2	Addition in Stock of - Semi Finished Goods	27	663	163	-2406	493	224	10519	74458
26.3	Addition in Stock of - Finished Goods	-1053	821	1674	4633	-1501	-1048	-2830	87559
26.4	Addition in Stock of - Total	-852	6586	7597	7983	911	1673	46489	293738
27	Gross Capital Formation	1196	13808	25666	18352	7985	7028	118165	682612
28	Net Income	8782	31849	46543	48328	64869	69968	243174	609472
29	Profit	3,380	12658	13922	18073	23194	24328	108273	346156

Table T.9: District wise Estimates of Selected Characteristics of factory sector in rural and urban area

Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Idukki		Kottayam		Alappuzha	
		Rural	Urban	Rural	Urban	Rural	Urban
1	No. of Factories (Nos.)	129	33	300	166	142	504
2	Factories in Operation (Nos.)	128	28	286	150	84	462
3	Fixed Capital	74216	4733	63153	118428	13713	173834
4	Physical Working Capital	27268	1248	46552	32969	12675	135110
5	Working Capital	63724	1492	64250	75179	-2409	64511
6	Invested Capital	101484	5981	109705	151397	26388	308944
7	Gross Value of Additions to Fixed Capital	5374	639	8800	18581	1606	30979
8	Rent Paid	5	0	76	2	0	119
9	Outstanding Loan	15360	2011	31965	26018	10588	78429
10	Interest Paid	2143	344	5339	4078	2016	13504
11	Rent Received	0	0	0	0	0	0
12	Interest Received	317	8	834	2450	56	3721
13	Gross Value of P&M	48172	2683	52557	115468	3972	72296
14	Value of Products & By-products	251024	13074	281072	331484	76910	714176
15	Other Output	18880	814	160344	65325	4741	64035
16	Total Output	269904	13888	441416	396809	81651	778211
17	Fuels Consumed	9280	1010	12838	9718	1997	15895
18	Material Consumed for Manufacturing	141282	8951	259099	197940	63214	581056
19	Other Input	36093	1059	108154	63907	5569	80355
20	Total Input	186655	11020	380091	271565	70780	677306
21	Gross Value Added (GVA)	83249	2868	61325	125244	10871	100905
22	Depreciation	6863	208	7767	16795	1771	14108
23	Net Value Added (NVA)	76386	2660	53558	108449	9100	86797
24	Net Fixed Capital Formation	-3029	718	-200	-10054	-558	14112
25	Gross Fixed Capital Formation	3834	926	7567	6741	1213	28220
26.1	Addition in Stock of – Materials, Fuels etc.	678	107	11730	711	605	9997
26.2	Addition in Stock of - Semi Finished Goods	-426	-47	-26	937	151	568
26.3	Addition in Stock of - Finished Goods	708	-284	-2424	661	1371	5832
26.4	Addition in Stock of - Total	960	-224	9280	2309	2127	16397
27	Gross Capital Formation	4794	702	16847	9050	3340	44617
28	Net Income	74238	2316	48144	104369	7084	73174
29	Profit	48748	940	21396	45806	1341	17449

Table T.9: District wise Estimates of Selected Characteristics of factory sector in rural and urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Pathanamthitta		Kollam		Thiruvananthapuram		Total
		Rural	Urban	Rural	Urban	Rural	Urban	
1	No. of Factories (Nos.)	193	28	804	284	154	211	7972
2	Factories in Operation (Nos.)	175	28	604	269	130	190	6957
3	Fixed Capital	54512	3505	106339	58853	47187	84356	5817077
4	Physical Working Capital	21835	1318	83029	60682	22904	43342	2215662
5	Working Capital	23927	1860	40822	-123006	35859	176142	1529079
6	Invested Capital	76347	4823	189368	119535	70091	127698	8032739
7	Gross Value of Additions to Fixed Capital	5145	111	12636	6193	9221	5094	1109172
8	Rent Paid	360	0	313	257	179	162	4993
9	Outstanding Loan	31621	4497	55632	57862	28834	85470	1274259
10	Interest Paid	3538	224	8531	10522	2385	4074	190198
11	Rent Received	0	0	1	7	0	0	622
12	Interest Received	534	1	2029	1026	220	573	47501
13	Gross Value of P&M	38949	1836	29382	15066	23194	43737	3261600
14	Value of Products & By-products	142350	4617	345698	248712	121075	160192	12888107
15	Other Output	21649	9336	68076	139718	21742	79356	1539384
16	Total Output	163999	13953	413774	388430	142817	239548	14427491
17	Fuels Consumed	5642	219	24429	3090	4684	10321	659942
18	Material Consumed for Manufacturing	92509	4526	227392	211063	70673	97925	9708347
19	Other Input	24392	6693	72470	135707	35873	62263	1713022
20	Total Input	122543	11438	324291	349860	111230	170509	12081298
21	Gross Value Added (GVA)	41456	2515	89483	38570	31587	69039	2346193
22	Depreciation	5672	375	7762	3914	4209	9339	380261
23	Net Value Added (NVA)	35784	2140	81721	34656	27378	59700	1965932
24	Net Fixed Capital Formation	-1775	-313	-4478	98	4014	-4297	219372
25	Gross Fixed Capital Formation	3897	62	3284	4012	8223	5042	599633
26.1	Addition in Stock of - Materials, Fuels etc.	545	-230	-582	5577	1645	4531	235139
26.2	Addition in Stock of - Semi Finished Goods	4046	-74	-645	513	-3	-122	90338
26.3	Addition in Stock of - Finished Goods	1135	31	-482	3951	375	-2022	98210
26.4	Addition in Stock of - Total	5726	-273	-1709	10041	2017	2387	423687
27	Gross Capital Formation	9623	-211	1575	14053	10240	7429	1023320
28	Net Income	31884	1916	72878	23876	24814	55465	1770743
29	Profit	13336	667	12381	-2390	7354	-768	746139

Table T.10: Estimates of Selected Characteristics of factory sector by 2 digit industry group (NIC 2008) in rural area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18
1	No. of Factories (Nos.)	1071	45	246	124	35	40	540	55	29
2	Factories in Operation (Nos.)	936	43	132	99	34	40	501	44	29
3	Fixed Capital	270707	15061	268	38624	22240	4951	41088	3248	14190
4	Physical Working Capital	256906	5692	67	13088	20870	4723	26920	1797	1354
5	Working Capital	213826	9795	91	-7887	45936	1803	-82234	1765	-732
6	Invested Capital	527613	20753	335	51712	43110	9674	68008	5045	15544
7	Gross Value of Additions to Fixed Capital	39332	2142	1	1103	1666	910	9422	188	187
8	Rent Paid	357	0	0	1	0	0	4	0	0
9	Outstanding Loan	149816	5853	5	35515	1666	1755	34579	1553	7347
10	Interest Paid	21122	554	0	4941	560	247	3060	193	1025
11	Rent Received	1	0	0	0	0	0	0	0	0
12	Interest Received	2087	210	0	93	770	9	132	22	69
13	Gross Value of P&M	132791	13502	0	38258	22089	3961	6241	1386	7203
14	Value of Products & By-products	1321303	47163	291	34410	71529	28042	167894	11417	14598
15	Other Output	250826	5835	3090	10567	6022	2006	4071	255	780
16	Total Output	1572129	52998	3381	44977	77551	30048	171965	11672	15378
17	Fuels Consumed	35364	2637	4	5470	2578	526	5881	746	524
18	Material Consumed for Manufacturing	1029971	32059	197	24786	35087	14143	137516	7402	6547
19	Other Input	249478	9019	58	3766	7886	5680	6598	1180	1888
20	Total Input	1314813	43715	259	34022	45551	20349	149995	9328	8959
21	Gross Value Added (GVA)	257316	9283	3122	10955	32000	9699	21970	2344	6419
22	Depreciation	24445	1216	14	3086	2921	822	4391	311	1690
23	Net Value Added (NVA)	232871	8067	3108	7869	29079	8877	17579	2033	4729
24	Net Fixed Capital Formation	8006	4071	-13	-2557	-1552	-135	3965	-121	-1546
25	Gross Fixed Capital Formation	32451	5287	1	529	1369	687	8356	190	144
26.1	Addition in Stock of - Materials, Fuels etc.	24196	163	2	452	112	1037	-2659	37	-60
26.2	Addition in Stock of - Semi Finished Goods	4061	-109	0	225	399	323	570	-32	8
26.3	Addition in Stock of - Finished Goods	10902	-355	8	-846	713	64	385	-18	30
26.4	Addition in Stock of - Total	39159	-301	10	-169	1224	1424	-1704	-13	-22
27	Gross Capital Formation	71610	4986	11	360	2593	2111	6652	177	122
28	Net Income	211393	7513	3108	2927	28519	8630	14515	1840	3704
29	Profit	93330	4223	66	-6478	15221	4993	4269	172	246

Table T.10: Estimates of Selected Characteristics of factory sector by 2 digit industry group (NIC 2008) in rural area**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	19	20	21	22	23	24	25	26	27
1	No. of Factories (Nos.)	14	73	54	450	724	55	82	16	34
2	Factories in Operation (Nos.)	13	68	48	383	560	51	73	11	32
3	Fixed Capital	50009	80382	8530	123936	149577	101732	11150	16407	7546
4	Physical Working Capital	4742	84164	14685	73585	34860	33370	7961	20546	8106
5	Working Capital	32100	130561	19063	77080	72714	13133	6536	30415	-5951
6	Invested Capital	54751	164546	23215	197521	184437	135102	19111	36953	15652
7	Gross Value of Additions to Fixed Capital	6174	18716	1911	19621	28782	878	2614	5073	3731
8	Rent Paid	0	303	0	145	1078	26	89	5	1
9	Outstanding Loan	477	23058	5981	55903	89483	13010	9246	837	1444
10	Interest Paid	55	2430	664	5742	8669	3390	1386	300	487
11	Rent Received	0	0	0	0	35	0	0	492	0
12	Interest Received	2	3002	110	935	1584	193	135	259	310
13	Gross Value of P&M	30356	61345	7161	102869	64732	25888	9783	39751	4758
14	Value of Products & By-products	51649	303573	42247	669990	284141	122889	90272	100944	28278
15	Other Output	10895	22470	4021	115738	13244	1676	4706	9079	4869
16	Total Output	62544	326043	46268	785728	297385	124565	94978	110023	33147
17	Fuels Consumed	323	20298	1990	21880	35341	10395	1497	1437	352
18	Material Consumed for Manufacturing	34691	164075	42069	510504	112143	101663	80355	68970	20308
19	Other Input	15466	35755	8417	128164	46852	3427	4520	13033	6833
20	Total Input	50480	220128	52476	660548	194336	115485	86372	83440	27493
21	Gross Value Added (GVA)	12064	105915	-6208	125180	103049	9080	8606	26583	5654
22	Depreciation	3089	8053	1064	12876	21335	1988	1488	2652	734
23	Net Value Added (NVA)	8975	97862	-7272	112304	81714	7092	7118	23931	4920
24	Net Fixed Capital Formation	1631	2647	971	4841	5697	-1550	1540	1143	2275
25	Gross Fixed Capital Formation	4720	10700	2035	17717	27032	438	3028	3795	3009
26.1	Addition in Stock of - Materials, Fuels etc.	-743	19830	1609	9792	6019	-1637	-1149	4537	977
26.2	Addition in Stock of - Semi Finished Goods	86	1599	2679	662	2082	282	148	1082	40
26.3	Addition in Stock of - Finished Goods	-743	-10455	209	-2380	-1956	468	231	475	-577
26.4	Addition in Stock of - Total	-1400	10974	4497	8074	6145	-887	-770	6094	440
27	Gross Capital Formation	3320	21674	6532	25791	33177	-449	2258	9889	3449
28	Net Income	8920	95129	-7936	106418	71968	3678	5643	23626	4432
29	Profit	4303	56713	-16210	51177	25268	180	1140	10941	-1541

Table T.10: Estimates of Selected Characteristics of factory sector by 2 digit industry group (NIC 2008) in rural area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	28	29	30	31	32	33	38	58	Others	Total
1	No. of Factories (Nos.)	41	7	6	73	36	29	1	4	230	4114
2	Factories in Operation (Nos.)	37	7	6	64	36	29	1	4	197	3478
3	Fixed Capital	7695	803	2994	4671	11522	28428	78	405	50012	1066254
4	Physical Working Capital	10190	897	1353	6251	9337	18838	0	71	11305	671678
5	Working Capital	20340	-370	640	4669	2002	18915	0	1335	19494	625039
6	Invested Capital	17885	1700	4347	10922	20859	47266	78	476	61317	1737932
7	Gross Value of Additions to Fixed Capital	970	308	139	210	2773	5088	81	6	1504	153530
8	Rent Paid	0	1	0	1	3	0	0	8	347	2369
9	Outstanding Loan	1060	235	1973	9942	8063	6725	250	161	22457	488394
10	Interest Paid	215	47	214	657	1354	1562	0	16	3175	62065
11	Rent Received	0	0	0	0	0	0	0	0	0	528
12	Interest Received	244	0	23	10	211	245	0	26	43	10724
13	Gross Value of P&M	6132	172	3446	1533	10535	1194	0	111	25569	620766
14	Value of Products & By-products	44185	1331	5113	16965	31886	80170	0	2574	17931	3590785
15	Other Output	1646	1021	27	948	3573	1517	0	306	80001	559189
16	Total Output	45831	2352	5140	17913	35459	81687	0	2880	97932	4149974
17	Fuels Consumed	431	36	134	437	578	1147	0	29	1403	151438
18	Material Consumed for Manufacturing	27427	947	2621	12090	16325	22289	0	712	10984	2515881
19	Other Input	4795	884	670	1780	5527	37696	1	672	60988	661033
20	Total Input	32653	1867	3425	14307	22430	61132	1	1413	73375	3328352
21	Gross Value Added (GVA)	13178	485	1715	3606	13029	20555	-1	1467	24557	821622
22	Depreciation	920	111	342	437	1837	2333	3	51	4053	102262
23	Net Value Added (NVA)	12258	374	1373	3169	11192	18222	-4	1416	20504	719360
24	Net Fixed Capital Formation	145	184	-203	-898	130	2529	78	-46	-2889	28343
25	Gross Fixed Capital Formation	1065	295	139	-461	1967	4862	81	5	1164	130605
26.1	Addition in Stock of - Materials Fuels etc.	53	30	-8	-580	-193	1286	0	8	755	63866
26.2	Addition in Stock of - Semi Finished Goods	-167	26	269	17	164	452	0	0	109	14975
26.3	Addition in Stock of - Finished Goods	-492	96	-19	-1902	385	2211	0	0	1117	-2449
26.4	Addition in Stock of - Total	-606	152	242	-2465	356	3949	0	8	1981	76392
27	Gross Capital Formation	459	447	381	-2926	2323	8811	81	13	3145	206997
28	Net Income	12043	326	1159	2511	9835	16660	-4	1392	16981	654930
29	Profit	2403	-150	151	-228	-721	10334	-5	740	5007	265544

Table T.11: Estimate of Selected Characteristics of factory sector by 2 digit industry group (NIC 2008) in urban area**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18
1	No. of Factories (Nos.)	644	35	237	297	25	160	325	88	121
2	Factories in Operation (Nos.)	601	32	168	271	22	150	258	83	118
3	Fixed Capital	286464	13062	2345	82751	2914	18862	16346	5291	95372
4	Physical Working Capital	237492	6797	489	47153	3590	24017	16210	2943	9697
5	Working Capital	-14837	5554	-1540	-21139	2974	8659	12902	5999	90619
6	Invested Capital	523956	19859	2834	129904	6504	42879	32556	8234	105069
7	Gross Value of Additions to Fixed Capital	36445	1159	22	9909	637	2111	2069	1584	2933
8	Rent Paid	490	18	0	13	0	5	9	35	3
9	Outstanding Loan	153702	2849	620	111816	3308	7889	17236	3333	24950
10	Interest Paid	26401	624	155	11136	580	1251	2053	401	3907
11	Rent Received	7	0	0	0	0	0	0	0	0
12	Interest Received	3839	141	1	1481	10	47	55	113	2406
13	Gross Value of P&M	134413	13886	0	63722	346	13538	13197	4454	94856
14	Value of Products & By-products	1596307	54272	1323	222564	8704	131791	68537	22643	64245
15	Other Output	237397	2345	5944	18911	2862	6748	4448	541	68392
16	Total Output	1833704	56617	7267	241475	11566	138539	72985	23184	132637
17	Fuels Consumed	29469	825	9	7407	138	1966	3451	1410	2317
18	Material Consumed for Manufacturing	1347854	39761	944	149801	3905	68595	47115	15687	31927
19	Other Input	259484	5143	1406	35692	3505	34063	8670	1959	33189
20	Total Input	1636807	45729	2359	192900	7548	104624	59236	19053	67433
21	Gross Value Added (GVA)	196897	10888	4908	48575	4018	33915	13749	4131	65204
22	Depreciation	24147	1300	126	6284	315	3046	1999	654	15035
23	Net Value Added (NVA)	172750	9588	4782	42291	3703	30869	11750	3477	50169
24	Net Fixed Capital Formation	1546	-323	-292	2826	236	-1535	-11	976	-12226
25	Gross Fixed Capital Formation	25693	977	-166	9110	551	1511	1988	1630	2809
26.1	Addition in Stock of - Materials, Fuels etc.	31207	508	-3	3251	-576	2245	683	556	-4075
26.2	Addition in Stock of - Semi Finished Goods	-93	199	0	611	-16	1380	-273	-34	9
26.3	Addition in Stock of - Finished Goods	8109	-52	326	549	155	0	-301	-208	-61
26.4	Addition in Stock of - Total	39223	655	323	4411	-437	3625	109	314	-4127
27	Gross Capital Formation	64916	1632	157	13521	114	5136	2097	1944	-1318
28	Net Income	145858	8946	4627	31142	3123	29614	9688	3041	46259
29	Profit	45922	4453	-480	-3143	190	19000	3471	-703	7159

Table T.11: Estimate of Selected Characteristics of factory sector by 2 digit industry group (NIC 2008) in urban area**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	19	20	21	22	23	24	25	26	27	28
1	No. of Factories (Nos.)	12	96	110	231	223	65	140	29	70	56
2	Factories in Operation (Nos.)	12	91	98	231	192	62	132	29	69	54
3	Fixed Capital	3305307	92780	46831	177574	90503	57713	30439	34661	13002	7771
4	Physical Working Capital	709227	86839	28925	51285	20831	46549	28837	48882	32525	11641
5	Working Capital	36352	16651	44962	194405	-9639	9321	17607	56006	20537	18534
6	Invested Capital	4014534	179619	75756	228859	111334	104262	59276	83543	45527	19412
7	Gross Value of Additions to Fixed Capital	771985	13206	9815	29206	4123	7625	7038	3013	4125	743
8	Rent Paid	14	0	0	39	360	16	6	152	579	56
9	Outstanding Loan	6940	196450	23153	50671	20221	19478	16663	2491	15900	5913
10	Interest Paid	2580	27618	2519	5824	2268	2198	2396	3099	3914	1471
11	Rent Received	0	0	0	0	0	0	0	0	0	54
12	Interest Received	1337	10531	2010	1502	185	360	171	98	294	58
13	Gross Value of P&M	1626817	213311	16528	89803	23960	47401	22688	34850	27460	9030
14	Value of Products & By-products	4293898	603762	118070	459818	207216	333574	124736	156027	106626	29036
15	Other Output	26958	17318	10561	37894	6486	32795	6088	22506	14863	3459
16	Total Output	4320856	621080	128631	497712	213702	366369	130824	178533	121489	32495
17	Fuels Consumed	334634	48212	3722	19899	10772	22778	3205	1512	3100	746
18	Material Consumed for Manufacturing	3592662	305017	59513	320262	116820	262699	98783	108522	72426	15244
19	Other Input	101880	62768	18768	37928	38136	37289	9214	29070	19265	4241
20	Total Input	4029176	415997	82003	378083	165724	322766	111202	139104	94791	20231
21	Gross Value Added (GVA)	291680	205083	46628	119629	47978	43603	19622	39429	26698	12264
22	Depreciation	151211	7621	3698	11245	9703	3793	4967	3315	2831	986
23	Net Value Added (NVA)	140469	197462	42930	108384	38275	39810	14655	36114	23867	11278
24	Net Fixed Capital Formation	168896	1185	4908	6010	-5617	2021	1988	-470	1231	-338
25	Gross Fixed Capital Formation	320107	8806	8606	17255	4086	5814	6955	2845	4062	648
26.1	Addition in Stock of - Materials, Fuels etc.	135554	3546	1738	5824	34	21	2247	-4180	2906	-635
26.2	Addition in Stock of - Semi Finished Goods	70050	2482	1143	674	-2292	-321	491	-1085	1603	255
26.3	Addition in Stock of - Finished Goods	109346	-18543	328	450	-739	-1516	900	653	-2357	-620
26.4	Addition in Stock of - Total	314950	-12515	3209	6948	-2997	-1816	3638	-4612	2152	-1000
27	Gross Capital Formation	635057	-3709	11815	24203	1089	3998	10593	-1767	6214	-352
28	Net Income	137875	169843	40411	102520	35648	37598	12251	32863	19373	9751
29	Profit	68739	105407	17587	50034	17639	23321	79	6692	-2054	2229

Table T.11: Estimate of Selected Characteristics of factory sector by 2 digit industry group (NIC 2008) in urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	29	30	31	32	33	38	58	Others	Total
1	No. of Factories (Nos.)	6	18	87	63	13	3	21	683	3858
2	Factories in Operation (Nos.)	6	18	86	58	13	3	19	603	3479
3	Fixed Capital	696	186195	5757	8821	819	5231	33022	130294	4750823
4	Physical Working Capital	464	53647	7275	18634	125	645	5872	43393	1543984
5	Working Capital	-77	227103	4439	106873	682	2516	-2192	70769	904040
6	Invested Capital	1160	239842	13032	27455	944	5876	38894	173687	6294807
7	Gross Value of Additions to Fixed Capital	77	34742	865	1130	17	2769	2511	5783	955642
8	Rent Paid	2	1	6	68	0	0	0	752	2624
9	Outstanding Loan	512	20583	3750	7800	28	723	7010	61876	785865
10	Interest Paid	62	5244	443	14444	21	4	2774	4746	128133
11	Rent Received	0	33	0	0	0	0	0	0	94
12	Interest Received	17	10757	34	289	1	125	420	495	36777
13	Gross Value of P&M	370	28287	3580	3451	52	317	56137	98380	2640834
14	Value of Products & By-products	1241	271936	13353	291977	0	1293	26360	88013	9297322
15	Other Output	177	53109	8457	28224	6748	5651	20768	330545	980195
16	Total Output	1418	325045	21810	320201	6748	6944	47128	418558	10277517
17	Fuels Consumed	34	3845	793	624	199	91	1137	6209	508504
18	Material Consumed for Manufacturing	964	125850	7728	275544	852	19	13855	110117	7192466
19	Other Input	127	65176	8479	8559	3000	5622	6343	213013	1051989
20	Total Input	1125	194871	17000	284727	4051	5732	21335	329339	8752946
21	Gross Value Added (GVA)	293	130174	4810	35474	2697	1212	25793	89219	1524571
22	Depreciation	77	5621	535	998	103	385	6701	11303	277999
23	Net Value Added (NVA)	216	124553	4275	34476	2594	827	19092	77916	1246572
24	Net Fixed Capital Formation	-9	29239	299	14	-115	2379	-4261	-7528	191029
25	Gross Fixed Capital Formation	68	34860	834	1012	-12	2764	2440	3775	469028
26.1	Addition in Stock of - Materials, Fuels etc.	-54	11571	-102	-17143	-208	44	-5	-3681	171273
26.2	Addition in Stock of - Semi Finished Goods	11	-436	85	406	0	0	0	514	75363
26.3	Addition in Stock of - Finished Goods	13	304	-12	1197	0	0	0	2738	100659
26.4	Addition in Stock of - Total	-30	11439	-29	-15540	-208	44	-5	-429	347295
27	Gross Capital Formation	38	46299	805	-14528	-220	2808	2435	3346	816323
28	Net Income	152	119308	3825	19964	2573	823	16318	72419	1115813
29	Profit	-159	77848	-46	14573	-745	467	1900	21215	480595

Table T.12: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in rural area**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	101	102	103	104	105	106	107	108	110
1	No. of Factories (Nos.)	4	27	40	39	43	131	781	6	45
2	Factories in Operation (Nos.)	4	17	38	33	41	112	685	6	43
3	Fixed Capital	5479	17132	3883	12145	14245	43504	169800	4519	15061
4	Physical Working Capital	275	15193	2225	8714	3548	50356	174177	2418	5692
5	Working Capital	-2268	7651	3641	8681	-573	46479	151039	-824	9795
6	Invested Capital	5754	32325	6108	20859	17793	93860	343977	6937	20753
7	Gross Value of Additions to Fixed Capital	157	2059	1105	1765	2005	7984	22865	1392	2142
8	Rent Paid	0	0	0	0	0	0	357	0	0
9	Outstanding Loan	2739	6177	5017	5263	4645	21551	104081	343	5853
10	Interest Paid	356	1913	384	816	613	3851	13111	78	554
11	Rent Received	0	0	0	0	0	0	1	0	0
12	Interest Received	2	160	18	23	40	358	1479	7	210
13	Gross Value of P&M	745	8940	96	1662	5730	24934	88193	2491	13502
14	Value of Products & By-products	2300	98649	17107	76498	89378	190960	816125	30286	47163
15	Other Output	546	4462	6706	1402	7874	153567	72929	3340	5835
16	Total Output	2846	103111	23813	77900	97252	344527	889054	33626	52998
17	Fuels Consumed	159	1833	527	1537	2710	8390	19589	619	2637
18	Material Consumed for Manufacturing	2102	82874	13664	67416	71587	211216	556225	24887	32059
19	Other Input	672	9021	6256	2432	11066	92164	125226	2641	9019
20	Total Input	2933	93728	20447	71385	85363	311770	701040	28147	43715
21	Gross Value Added (GVA)	-87	9383	3366	6515	11889	32757	188014	5479	9283
22	Depreciation	266	1233	513	889	1616	4297	15155	476	1216
23	Net Value Added (NVA)	-353	8150	2853	5626	10273	28460	172859	5003	8067
24	Net Fixed Capital Formation	-109	581	509	278	221	1304	4321	901	4071
25	Gross Fixed Capital Formation	157	1814	1022	1167	1837	5601	19476	1377	5287
26.1	Addition in Stock of - Materials, Fuels etc.	-8	536	-168	283	169	13294	8998	1092	163
26.2	Addition in Stock of - Semi Finished Goods	-1	154	191	553	-28	43	3149	0	-109
26.3	Addition in Stock of - Finished Goods	-31	477	-3	-277	-88	3479	7466	-121	-355
26.4	Addition in Stock of - Total	-40	1167	20	559	53	16816	19613	971	-301
27	Gross Capital Formation	117	2981	1042	1726	1890	22417	39089	2348	4986
28	Net Income	-709	6237	2469	4810	9660	24609	159392	4925	7513
29	Profit	-1358	1952	817	1727	4059	9662	73384	3087	4223

Table T. 12: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in rural area**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	120	131	139	141	143	152	161	162	170	181
1	No. of Factories (Nos.)	246	79	45	30	5	40	129	411	55	29
2	Factories in Operation (Nos.)	132	69	30	29	5	40	120	381	44	29
3	Fixed Capital	268	36868	1756	21648	592	4951	3180	37908	3248	14190
4	Physical Working Capital	67	12150	938	20108	762	4723	3035	23885	1797	1354
5	Working Capital	91	-8434	547	45375	561	1803	3401	-85635	1765	-732
6	Invested Capital	335	49018	2694	41756	1354	9674	6215	61793	5045	15544
7	Gross Value of Additions to Fixed Capital	1	812	291	1638	28	910	161	9261	188	187
8	Rent Paid	0	0	1	0	0	0	0	4	0	0
9	Outstanding Loan	5	34202	1313	1471	195	1755	318	34261	1553	7347
10	Interest Paid	0	4787	154	470	90	247	148	2912	193	1025
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	0	89	4	770	0	9	2	130	22	69
13	Gross Value of P&M	0	37820	438	21855	234	3961	38	6203	1386	7203
14	Value of Products & By-products	291	26825	7585	68135	3394	28042	13030	154864	11417	14598
15	Other Output	3090	10370	197	5863	159	2006	1033	3038	255	780
16	Total Output	3381	37195	7782	73998	3553	30048	14063	157902	11672	15378
17	Fuels Consumed	4	5237	233	2562	16	526	254	5627	746	524
18	Material Consumed for Manufacturing	197	19016	5770	33494	1593	14143	10764	126752	7402	6547
19	Other Input	58	3061	705	6950	936	5680	1015	5583	1180	1888
20	Total Input	259	27314	6708	43006	2545	20349	12033	137962	9328	8959
21	Gross Value Added (GVA)	3122	9881	1074	30992	1008	9699	2030	19940	2344	6419
22	Depreciation	14	2824	262	2859	62	822	263	4128	311	1690
23	Net Value Added (NVA)	3108	7057	812	28133	946	8877	1767	15812	2033	4729
24	Net Fixed Capital Formation	-13	-2389	-168	-1518	-34	-135	-104	4069	-121	-1546
25	Gross Fixed Capital Formation	1	435	94	1341	28	687	159	8197	190	144
26.1	Addition in Stock of - Materials, Fuels etc.	2	408	44	645	-533	1037	-1266	-1393	37	-60
26.2	Addition in Stock of - Semi Finished Goods	0	225	0	380	19	323	-9	579	-32	8
26.3	Addition in Stock of - Finished Goods	8	-925	79	718	-5	64	44	341	-18	30
26.4	Addition in Stock of - Total	10	-292	123	1743	-519	1424	-1231	-473	-13	-22
27	Gross Capital Formation	11	143	217	3084	-491	2111	-1072	7724	177	122
28	Net Income	3108	2270	657	27663	856	8630	1619	12896	1840	3704
29	Profit	66	-6606	128	14924	297	4993	173	4096	172	246

Table T.12: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in rural area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	191	192	201	202	210	221	222	231	239	241
1	No. of Factories (Nos.)	2	12	29	44	54	280	170	5	719	34
2	Factories in Operation (Nos.)	2	11	24	44	48	235	148	5	555	34
3	Fixed Capital	29	49980	39668	40714	8530	71247	52689	2825	146752	5948
4	Physical Working Capital	0	4742	15956	68208	14685	45584	28001	1122	33738	13063
5	Working Capital	0	32100	41896	88665	19063	39478	37602	857	71857	9749
6	Invested Capital	29	54722	55624	108922	23215	116831	80690	3947	180490	19011
7	Gross Value of Additions to Fixed Capital	0	6174	7243	11473	1911	11508	8113	267	28515	351
8	Rent Paid	0	0	303	0	0	114	31	0	1078	16
9	Outstanding Loan	0	477	689	22369	5981	18971	36932	1865	87618	6040
10	Interest Paid	0	55	200	2230	664	3373	2369	208	8461	806
11	Rent Received	0	0	0	0	0	0	0	0	35	0
12	Interest Received	0	2	1910	1092	110	784	151	45	1539	145
13	Gross Value of P&M	0	30356	26284	35061	7161	78599	24270	780	63952	7095
14	Value of Products & By-products	0	51649	80247	223326	42247	493951	176039	5255	278886	76450
15	Other Output	0	10895	2037	20433	4021	96931	18807	450	12794	1219
16	Total Output	0	62544	82284	243759	46268	590882	194846	5705	291680	77669
17	Fuels Consumed	0	323	17800	2498	1990	15374	6506	506	34835	8517
18	Material Consumed for Manufacturing	0	34691	24421	139654	42069	394709	115795	3062	109081	62699
19	Other Input	0	15466	3230	32525	8417	97434	30730	351	46501	2264
20	Total Input	0	50480	45451	174677	52476	507517	153031	3919	190417	73480
21	Gross Value Added (GVA)	0	12064	36833	69082	-6208	83365	41815	1786	101263	4189
22	Depreciation	2	3087	3432	4621	1064	6909	5967	445	20890	863
23	Net Value Added (NVA)	-2	8977	33401	64461	-7272	76456	35848	1341	80373	3326
24	Net Fixed Capital Formation	-2	1633	-3849	6496	971	3400	1441	-199	5896	-539
25	Gross Fixed Capital Formation	0	4720	-417	11117	2035	10309	7408	246	26786	324
26.1	Addition in Stock of - Materials Fuels etc.	0	-743	1389	18441	1609	6316	3476	-17	6036	-126
26.2	Addition in Stock of - Semi Finished Goods	0	86	291	1308	2679	378	284	1	2081	0
26.3	Addition in Stock of - Finished Goods	0	-743	-2938	-7517	209	-2315	-65	-27	-1929	144
26.4	Addition in Stock of - Total	0	-1400	-1258	12232	4497	4379	3695	-43	6188	18
27	Gross Capital Formation	0	3320	-1675	23349	6532	14688	11103	203	32974	342
28	Net Income	-2	8922	32898	62231	-7936	72969	33449	1133	70835	2505
29	Profit	-2	4305	12277	44436	-16210	35409	15768	296	24972	706

Table T.12: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in rural area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	242	243	251	252	259	261	262	263	266	271	272
1	No. of Factories (Nos.)	6	15	34	1	47	11	1	1	3	16	5
2	Factories in Operation (Nos.)	6	11	27	1	45	6	1	1	3	14	5
3	Fixed Capital	30804	64980	8136	181	2833	14663	151	530	1063	6679	247
4	Physical Working Capital	14122	6185	4242	40	3679	15353	468	2340	2385	7107	544
5	Working Capital	126	3258	-1314	22	7828	28041	102	926	1346	-6092	18
6	Invested Capital	44926	71165	12378	221	6512	30016	619	2870	3448	13786	791
7	Gross Value of Additions to Fixed Capital	262	265	1805	18	791	4637	0	383	53	3570	109
8	Rent Paid	0	10	89	0	0	0	5	0	0	0	0
9	Outstanding Loan	3609	3361	7195	156	1895	326	347	35	129	994	34
10	Interest Paid	1957	627	1190	14	182	218	40	5	37	374	46
11	Rent Received	0	0	0	0	0	492	0	0	0	0	0
12	Interest Received	39	9	42	0	93	227	1	2	29	308	0
13	Gross Value of P&M	15640	3153	8202	0	1581	38437	86	16	1212	4569	0
14	Value of Products & By-products	9342	37097	71233	294	18745	82115	536	11788	6505	24064	960
15	Other Output	215	242	2940	0	1766	8136	71	193	679	4715	6
16	Total Output	9557	37339	74173	294	20511	90251	607	11981	7184	28779	966
17	Fuels Consumed	1265	613	723	18	756	1368	8	10	51	241	41
18	Material Consumed for Manufacturing	5330	33634	67260	225	12870	54419	246	9506	4799	17092	733
19	Other Input	450	713	1419	8	3093	11241	42	1296	454	6638	23
20	Total Input	7045	34960	69402	251	16719	67028	296	10812	5304	23971	797
21	Gross Value Added (GVA)	2512	2379	4771	43	3792	23223	311	1169	1880	4808	169
22	Depreciation	771	354	1103	23	362	2467	11	19	155	669	25
23	Net Value Added (NVA)	1741	2025	3668	20	3430	20756	300	1150	1725	4139	144
24	Net Fixed Capital Formation	-900	-111	1145	-5	400	858	-11	365	-69	2184	84
25	Gross Fixed Capital Formation	-129	243	2248	18	762	3325	0	384	86	2853	109
26.1	Addition in Stock of - Materials, Fuels etc.	-2308	797	-1086	2	-65	2250	19	1682	586	821	191
26.2	Addition in Stock of - Semi Finished Goods	0	282	161	0	-13	1161	107	0	-186	40	0
26.3	Addition in Stock of - Finished Goods	665	-341	-162	0	393	408	0	145	-78	-626	7
26.4	Addition in Stock of - Total	-1643	738	-1087	2	315	3819	126	1827	322	235	198
27	Gross Capital Formation	-1772	981	1161	20	1077	7144	126	2211	408	3088	307
28	Net Income	-216	1389	2389	6	3248	20538	255	1145	1688	3765	98
29	Profit	-1172	646	278	-15	877	9177	27	947	790	-1635	1

Table T.12: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in rural area**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	273	274	275	279	281	282	292	293	301	303	310
1	No. of Factories (Nos.)	7	1	1	4	11	30	6	1	5	1	73
2	Factories in Operation (Nos.)	7	1	1	4	11	26	6	1	5	1	64
3	Fixed Capital	413	13	164	30	3848	3847	347	456	2544	450	4671
4	Physical Working Capital	251	60	4	140	5188	5002	702	195	1347	6	6251
5	Working Capital	132	22	5	-36	10022	10318	-219	-151	631	9	4669
6	Invested Capital	664	73	168	170	9036	8849	1049	651	3891	456	10922
7	Gross Value of Additions to Fixed Capital	47	0	0	5	416	554	100	208	139	0	210
8	Rent Paid	0	0	1	0	0	0	1	0	0	0	1
9	Outstanding Loan	395	0	0	21	383	677	215	20	1973	0	9942
10	Interest Paid	55	10	0	2	94	121	47	0	214	0	657
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	2	0	0	0	161	83	0	0	23	0	10
13	Gross Value of P&M	175	9	0	5	3924	2208	172	0	3146	300	1533
14	Value of Products & By-products	2425	75	0	754	17463	26722	587	744	5105	8	16965
15	Other Output	15	0	133	0	424	1222	463	558	26	1	948
16	Total Output	2440	75	133	754	17887	27944	1050	1302	5131	9	17913
17	Fuels Consumed	60	0	6	4	138	293	25	11	127	7	437
18	Material Consumed for Manufacturing	1792	55	57	579	9811	17616	479	468	2617	4	12090
19	Other Input	103	6	9	54	2772	2023	252	632	656	14	1780
20	Total Input	1955	61	72	637	12721	19932	756	1111	3400	25	14307
21	Gross Value Added (GVA)	485	14	61	117	5166	8012	294	191	1731	-16	3606
22	Depreciation	31	1	4	4	561	359	63	48	299	43	437
23	Net Value Added (NVA)	454	13	57	113	4605	7653	231	143	1432	-59	3169
24	Net Fixed Capital Formation	11	-1	-4	1	4	141	37	147	-160	-43	-898
25	Gross Fixed Capital Formation	42	0	0	5	565	500	100	195	139	0	-461
26.1	Addition in Stock of - Materials, Fuels etc.	-59	12	1	11	-293	346	17	13	-10	2	-580
26.2	Addition in Stock of - Semi Finished Goods	3	0	0	-3	-296	129	20	6	269	0	17
26.3	Addition in Stock of - Finished Goods	22	0	0	20	-71	-421	1	95	-19	0	-1902
26.4	Addition in Stock of - Total	-34	12	1	28	-660	54	38	114	240	2	-2465
27	Gross Capital Formation	8	12	1	33	-95	554	138	309	379	2	-2926
28	Net Income	399	3	56	111	4511	7532	183	143	1218	-59	2511
29	Profit	89	-2	-1	7	1543	860	-164	14	232	-81	-228

Table T.12: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in rural area**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	321	323	324	325	329	331	332	382	581	Others	Total
1	No. of Factories (Nos.)	4	1	2	25	4	5	24	1	4	230	4114
2	Factories in Operation (Nos.)	4	1	2	25	4	5	24	1	4	197	3478
3	Fixed Capital	263	92	95	10709	363	204	28224	78	405	50012	1066254
4	Physical Working Capital	1545	54	108	7511	119	24	18814	0	71	11305	671678
5	Working Capital	316	44	-95	1798	-61	14	18901	0	1335	19494	625039
6	Invested Capital	1808	146	203	18220	482	228	47038	78	476	61317	1737932
7	Gross Value of Additions to Fixed Capital	158	9	2	2416	188	6	5082	81	6	1504	153530
8	Rent Paid	0	0	0	0	3	0	0	0	8	347	2369
9	Outstanding Loan	493	34	0	7268	268	264	6461	250	161	22457	488394
10	Interest Paid	69	1	0	1274	10	7	1555	0	16	3175	62065
11	Rent Received	0	0	0	0	0	0	0	0	0	0	528
12	Interest Received	0	1	1	209	0	0	245	0	26	43	10724
13	Gross Value of P&M	0	0	89	10208	238	162	1032	0	111	25569	620766
14	Value of Products & By-products	6646	405	721	23988	126	120	80050	0	2574	17931	3590785
15	Other Output	12	31	43	3378	109	181	1336	0	306	80001	559189
16	Total Output	6658	436	764	27366	235	301	81386	0	2880	97932	4149974
17	Fuels Consumed	4	14	13	534	13	11	1136	0	29	1403	151438
18	Material Consumed for Manufacturing	6288	172	362	9428	75	116	22173	0	712	10984	2515881
19	Other Input	25	82	93	5245	82	82	37614	1	672	60988	661033
20	Total Input	6317	268	468	15207	170	209	60923	1	1413	73375	3328352
21	Gross Value Added (GVA)	341	168	296	12159	65	92	20463	-1	1467	24557	821622
22	Depreciation	25	14	15	1759	24	17	2316	3	51	4053	102262
23	Net Value Added (NVA)	316	154	281	10400	41	75	18147	-4	1416	20504	719360
24	Net Fixed Capital Formation	132	-5	-12	-148	163	-56	2585	78	-46	-2889	28343
25	Gross Fixed Capital Formation	157	9	3	1611	187	-39	4901	81	5	1164	130605
26.1	Addition in Stock of - Materials, Fuels etc.	10	2	-52	-159	6	1	1285	0	8	755	63866
26.2	Addition in Stock of - Semi Finished Goods	-2	3	1	168	-6	0	452	0	0	109	14975
26.3	Addition in Stock of - Finished Goods	9	-10	12	335	39	0	2211	0	0	1117	-2449
26.4	Addition in Stock of - Total	17	-5	-39	344	39	1	3948	0	8	1981	76392
27	Gross Capital Formation	174	4	-36	1955	226	-38	8849	81	13	3145	206997
28	Net Income	247	153	281	9126	28	68	16592	-4	1392	16981	654930
29	Profit	70	25	37	-800	-53	-9	10343	-5	740	5007	265544

Table T.13: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	120
1	No. of Factories (Nos.)	141	24	41	49	35	339	15	35	237
2	Factories in Operation (Nos.)	140	18	38	49	35	306	15	32	168
3	Fixed Capital	92535	2633	12452	39979	14627	113115	11123	13062	2345
4	Physical Working Capital	107087	567	26224	13861	15209	64700	9844	6797	489
5	Working Capital	42058	1191	32290	4434	12843	-109499	1846	5554	-1540
6	Invested Capital	199622	3200	38676	53840	29836	177815	20967	19859	2834
7	Gross Value of Additions to Fixed Capital	13554	60	1542	4235	2548	10065	4441	1159	22
8	Rent Paid	17	0	0	0	41	432	0	18	0
9	Outstanding Loan	57190	480	21184	21029	7949	40892	4978	2849	620
10	Interest Paid	9138	61	1626	813	971	13233	559	624	155
11	Rent Received	0	0	0	0	0	7	0	0	0
12	Interest Received	1700	21	703	153	143	1055	64	141	1
13	Gross Value of P&M	37740	321	12608	32055	6581	30766	14342	13886	0
14	Value of Products & By-products	472547	23976	178610	311491	98246	410722	100715	54272	1323
15	Other Output	29366	343	36271	38728	31598	94168	6923	2345	5944
16	Total Output	501913	24319	214881	350219	129844	504890	107638	56617	7267
17	Fuels Consumed	12077	122	2536	4774	2442	5912	1606	825	9
18	Material Consumed for Manufacturing	417549	3061	161793	270971	80567	333750	80163	39761	944
19	Other Input	31791	544	36963	46348	32863	104081	6894	5143	1406
20	Total Input	461417	3727	201292	322093	115872	443743	88663	45729	2359
21	Gross Value Added (GVA)	40496	20592	13589	28126	13972	61147	18975	10888	4908
22	Depreciation	7698	353	1460	4876	1559	7080	1121	1300	126
23	Net Value Added (NVA)	32798	20239	12129	23250	12413	54067	17854	9588	4782
24	Net Fixed Capital Formation	5331	-292	22	-1416	798	880	-3777	-323	-292
25	Gross Fixed Capital Formation	13029	61	1482	3460	2357	7960	-2656	977	-166
26.1	Addition in Stock of - Materials, Fuels etc.	10118	-168	5548	218	3809	7147	4535	508	-3
26.2	Addition in Stock of - Semi Finished Goods	84	-4	23	-142	-52	-26	24	199	0
26.3	Addition in Stock of - Finished Goods	-2072	-22	1121	2140	-292	6292	942	-52	326
26.4	Addition in Stock of - Total	8130	-194	6692	2216	3465	13413	5501	655	323
27	Gross Capital Formation	21159	-133	8174	5676	5822	21373	2845	1632	157
28	Net Income	23643	20178	10503	22437	11401	40401	17295	8946	4627
29	Profit	3624	19590	4948	5449	5247	-2279	9343	4453	-480

Table T.13: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	131	139	141	143	151	152	161	162	170	181
1	No. of Factories (Nos.)	116	181	23	2	7	153	121	204	88	121
2	Factories in Operation (Nos.)	111	160	20	2	4	146	94	164	83	118
3	Fixed Capital	52685	30066	2891	23	279	18583	2928	13418	5291	95372
4	Physical Working Capital	17648	29505	3575	15	312	23705	6013	10197	2943	9697
5	Working Capital	-59762	38623	2958	16	1803	6856	3326	9576	5999	90619
6	Invested Capital	70333	59571	6466	38	591	42288	8941	23615	8234	105069
7	Gross Value of Additions to Fixed Capital	5096	4813	633	4	17	2094	151	1918	1584	2933
8	Rent Paid	0	13	0	0	0	5	0	9	35	3
9	Outstanding Loan	96921	14895	3308	0	871	7018	982	16254	3333	24950
10	Interest Paid	9114	2022	580	0	16	1235	232	1821	401	3907
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	238	1243	9	1	0	47	5	50	113	2406
13	Gross Value of P&M	43991	19731	311	35	0	13538	0	13197	4454	94856
14	Value of Products & By-products	44893	177671	8601	103	1134	130657	6062	62475	22643	64245
15	Other Output	3917	14994	2859	3	125	6623	695	3753	541	68392
16	Total Output	48810	192665	11460	106	1259	137280	6757	66228	23184	132637
17	Fuels Consumed	4588	2819	136	2	21	1945	186	3265	1410	2317
18	Material Consumed for Manufacturing	24459	125342	3847	58	960	67635	4637	42478	15687	31927
19	Other Input	4827	30865	3503	2	169	33894	330	8340	1959	33189
20	Total Input	33874	159026	7486	62	1150	103474	5153	54083	19053	67433
21	Gross Value Added (GVA)	14936	33639	3974	44	109	33806	1604	12145	4131	65204
22	Depreciation	3225	3059	311	4	34	3012	121	1878	654	15035
23	Net Value Added (NVA)	11711	30580	3663	40	75	30794	1483	10267	3477	50169
24	Net Fixed Capital Formation	1563	1263	236	0	-17	-1518	-20	9	976	-12226
25	Gross Fixed Capital Formation	4788	4322	547	4	17	1494	101	1887	1630	2809
26.1	Addition in Stock of - Materials, Fuels etc.	520	2731	-581	5	-35	2280	24	659	556	-4075
26.2	Addition in Stock of - Semi Finished Goods	-92	703	-10	-6	0	1380	0	-273	-34	9
26.3	Addition in Stock of - Finished Goods	-1154	1703	154	1	15	-15	-254	-47	-208	-61
26.4	Addition in Stock of - Total	-726	5137	-437	0	-20	3645	-230	339	314	-4127
27	Gross Capital Formation	4062	9459	110	4	-3	5139	-129	2226	1944	-1318
28	Net Income	2597	28545	3083	40	59	29555	1251	8437	3041	46259
29	Profit	-13731	10588	184	6	-44	19044	425	3046	-703	7159

Table T.13: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in urban area**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	191	192	201	202	203	210	221	222	231	239
1	No. of Factories (Nos.)	3	9	37	58	1	110	97	134	6	217
2	Factories in Operation (Nos.)	3	9	33	57	1	98	97	134	6	186
3	Fixed Capital	1916	3303391	70702	22072	6	46831	128374	49200	2804	87699
4	Physical Working Capital	1634	707593	67576	19263	0	28925	30337	20948	964	19867
5	Working Capital	1172	35180	-10256	26884	23	44962	129015	65390	-134	-9505
6	Invested Capital	3550	4010984	138278	41335	6	75756	158711	70148	3768	107566
7	Gross Value of Additions to Fixed Capital	132	771853	11056	2150	0	9815	21898	7308	755	3368
8	Rent Paid	0	14	0	0	0	0	10	29	0	360
9	Outstanding Loan	622	6318	190396	6054	0	23153	26759	23912	1545	18676
10	Interest Paid	305	2275	25739	1879	0	2519	3443	2381	297	1971
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	31	1306	10335	195	1	2010	1268	234	12	173
13	Gross Value of P&M	2900	1623917	192147	21164	0	16528	72129	17674	1058	22902
14	Value of Products & By-products	11839	4282059	431415	172347	0	118070	310080	149738	7623	199593
15	Other Output	839	26119	11130	6140	48	10561	26988	10906	86	6400
16	Total Output	12678	4308178	442545	178487	48	128631	337068	160644	7709	205993
17	Fuels Consumed	235	334399	43166	5045	1	3722	13080	6819	578	10194
18	Material Consumed for Manufacturing	9869	3582793	229831	75186	0	59513	214825	105437	4861	111959
19	Other Input	1017	100863	47865	14900	3	18768	23354	14574	374	37762
20	Total Input	11121	4018055	320862	95131	4	82003	251259	126824	5813	159911
21	Gross Value Added (GVA)	1557	290123	121683	83356	44	46628	85809	33820	1896	46082
22	Depreciation	165	151046	4955	2666	0	3698	6292	4953	559	9144
23	Net Value Added (NVA)	1392	139077	116728	80690	44	42930	79517	28867	1337	36938
24	Net Fixed Capital Formation	-114	169010	4079	-2894	0	4908	4167	1843	188	-5805
25	Gross Fixed Capital Formation	51	320056	9034	-228	0	8606	10459	6796	747	3339
26.1	Addition in Stock of - Materials, Fuels etc.	-55	135609	2319	1227	0	1738	4738	1086	-58	92
26.2	Addition in Stock of - Semi Finished Goods	0	70050	2061	421	0	1143	725	-51	0	-2292
26.3	Addition in Stock of - Finished Goods	51	109295	-17934	-609	0	328	-444	894	-44	-695
26.4	Addition in Stock of - Total	-4	314954	-13554	1039	0	3209	5019	1929	-102	-2895
27	Gross Capital Formation	47	635010	-4520	811	0	11815	15478	8725	645	444
28	Net Income	1087	136788	90989	78810	44	40411	76063	26457	1040	34608
29	Profit	-36	68,775	39,153	66,210	44	17,587	41,602	8,432	180	17459

Table T.13: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	241	242	243	251	259	261	262	263	264	265	266
1	No. of Factories (Nos.)	38	7	20	44	96	13	3	4	3	4	1
2	Factories in Operation (Nos.)	35	7	20	40	92	13	3	4	3	4	1
3	Fixed Capital	25103	3991	28619	19998	10441	15871	835	16696	113	358	379
4	Physical Working Capital	23052	14545	8952	14707	14130	31091	1053	8972	413	1028	6225
5	Working Capital	-13131	17384	5068	11388	6219	25205	4216	19108	378	1536	5127
6	Invested Capital	48155	18536	37571	34705	24571	46962	1888	25668	526	1386	6604
7	Gross Value of Additions to Fixed Capital	4191	128	3306	5522	1516	2220	194	497	4	38	15
8	Rent Paid	1	2	13	0	6	152	0	0	0	0	0
9	Outstanding Loan	11124	96	8258	10343	6320	1469	172	557	209	46	0
10	Interest Paid	1207	0	991	1190	1206	1822	116	1077	29	38	0
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	224	29	107	49	122	67	4	14	1	9	0
13	Gross Value of P&M	25068	12242	10091	16355	6333	17976	296	15269	199	456	359
14	Value of Products & By-products	194689	41804	97081	65212	59524	127224	2378	10236	1216	2625	10649
15	Other Output	30015	535	2245	3300	2788	6272	8715	5626	261	1298	274
16	Total Output	224704	42339	99326	68512	62312	133496	11093	15862	1477	3923	10923
17	Fuels Consumed	13192	6694	2892	1710	1495	1178	40	236	3	21	20
18	Material Consumed for Manufacturing	172201	26404	64094	50451	48332	90526	2101	6491	404	1504	7105
19	Other Input	27044	2727	7518	6103	3111	13855	7545	3254	235	840	3155
20	Total Input	212437	35825	74504	58264	52938	105559	9686	9981	642	2365	10280
21	Gross Value Added (GVA)	12267	6514	24822	10248	9374	27937	1407	5881	835	1558	643
22	Depreciation	1626	868	1299	3777	1190	1637	125	1393	17	39	50
23	Net Value Added (NVA)	10641	5646	23523	6471	8184	26300	1282	4488	818	1519	593
24	Net Fixed Capital Formation	1889	-782	914	1701	287	482	-21	-891	-12	-1	-28
25	Gross Fixed Capital Formation	3515	86	2213	5478	1477	2119	104	502	5	38	22
26.1	Addition in Stock of - Materials , Fuels etc.	373	504	-856	2558	-311	-5569	276	21	38	132	947
26.2	Addition in Stock of - Semi Finished Goods	0	-509	188	447	44	-854	-108	-332	-29	-1	239
26.3	Addition in Stock of - Finished Goods	779	-1008	-1287	575	325	-1850	86	1366	-9	-81	1092
26.4	Addition in Stock of - Total	1152	-1013	-1955	3580	58	-8273	254	1055	0	50	2278
27	Gross Capital Formation	4667	-927	258	9058	1535	-6154	358	1557	5	88	2300
28	Net Income	9434	5644	22520	5281	6970	24326	1166	3411	789	1481	593
29	Profit	5884	1833	15604	-1890	1969	8108	114	-2268	209	343	-35

Table T.13: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	267	271	272	273	274	275	279	281	282	291	292
1	No. of Factories (Nos.)	1	38	12	7	5	2	6	22	34	1	1
2	Factories in Operation (Nos.)	1	38	11	7	5	2	6	20	34	1	1
3	Fixed Capital	409	8389	632	2387	297	47	1250	3713	4058	40	13
4	Physical Working Capital	100	25233	1777	3348	1231	86	850	5171	6470	171	43
5	Working Capital	436	24791	490	-6737	2224	121	-352	9859	8675	43	26
6	Invested Capital	509	33622	2409	5735	1528	133	2100	8884	10528	211	56
7	Gross Value of Additions to Fixed Capital	45	3057	102	456	60	2	448	438	305	0	0
8	Rent Paid	0	554	0	0	25	0	0	23	33	2	0
9	Outstanding Loan	38	11002	890	2953	930	3	122	1548	4365	44	17
10	Interest Paid	17	2091	100	1506	138	0	79	120	1351	2	0
11	Rent Received	0	0	0	0	0	0	0	0	54	0	0
12	Interest Received	3	259	0	33	0	1	1	53	5	0	0
13	Gross Value of P&M	295	18207	195	7682	120	60	1196	3230	5800	0	0
14	Value of Products & By-products	1699	74456	4983	19314	3911	215	3747	14728	14308	79	18
15	Other Output	60	14051	111	60	214	6	421	2084	1375	0	1
16	Total Output	1759	88507	5094	19374	4125	221	4168	16812	15683	79	19
17	Fuels Consumed	14	2610	153	232	37	5	63	241	505	1	0
18	Material Consumed for Manufacturing	391	46340	4250	16770	2657	165	2244	7142	8102	51	8
19	Other Input	186	16747	280	634	945	20	639	2706	1535	2	1
20	Total Input	591	65697	4683	17636	3639	190	2946	10089	10142	54	9
21	Gross Value Added (GVA)	1168	22810	411	1738	486	31	1222	6723	5541	25	10
22	Depreciation	54	2261	84	324	39	6	117	441	545	2	1
23	Net Value Added (NVA)	1114	20549	327	1414	447	25	1105	6282	4996	23	9
24	Net Fixed Capital Formation	1	764	-11	137	21	-4	324	-9	-329	-2	-1
25	Gross Fixed Capital Formation	55	3025	73	461	60	2	441	432	216	0	0
26.1	Addition in Stock of - Materials, Fuels etc.	-25	2328	445	-59	30	-13	175	208	-843	0	0
26.2	Addition in Stock of - Semi Finished Goods	0	1395	165	46	0	-4	1	-274	529	21	0
26.3	Addition in Stock of - Finished Goods	49	-1615	-167	-718	117	2	24	-283	-337	-5	0
26.4	Addition in Stock of - Total	24	2108	443	-731	147	-15	200	-349	-651	16	0
27	Gross Capital Formation	79	5133	516	-270	207	-13	641	83	-435	16	0
28	Net Income	1097	17903	227	-92	284	25	1026	6139	3612	19	9
29	Profit	221	1017	-220	-3065	31	-44	227	2627	-398	8	0

Table T.13: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in urban area**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	293	301	303	309	310	321	322	323	325
1	No. of Factories (Nos.)	4	13	4	1	87	22	1	1	27
2	Factories in Operation (Nos.)	4	13	4	1	86	21	1	1	23
3	Fixed Capital	643	182709	2829	657	5757	1692	7	56	3851
4	Physical Working Capital	250	47756	5512	379	7275	4957	14	23	2523
5	Working Capital	-146	221220	7436	-1553	4439	86786	150	242	5099
6	Invested Capital	893	230465	8341	1036	13032	6649	21	79	6374
7	Gross Value of Additions to Fixed Capital	77	34448	100	194	865	75	0	1	445
8	Rent Paid	0	1	0	0	6	0	2	0	66
9	Outstanding Loan	451	12787	1435	6361	3750	3310	0	0	1066
10	Interest Paid	60	5154	90	0	443	13822	0	3	133
11	Rent Received	0	33	0	0	0	0	0	0	0
12	Interest Received	17	10672	85	0	34	97	7	14	27
13	Gross Value of P&M	370	21069	7218	0	3580	293	91	171	2887
14	Value of Products & By-products	1144	267490	4069	377	13353	262513	52	150	11610
15	Other Output	176	49066	4020	23	8457	23756	1	0	2119
16	Total Output	1320	316556	8089	400	21810	286269	53	150	13729
17	Fuels Consumed	33	3590	241	14	793	119	2	7	246
18	Material Consumed for Manufacturing	905	124536	1022	292	7728	257579	19	74	4825
19	Other Input	124	63726	1400	50	8479	1990	4	11	2453
20	Total Input	1062	191852	2663	356	17000	259688	25	92	7524
21	Gross Value Added (GVA)	258	124704	5426	44	4810	26581	28	58	6205
22	Depreciation	74	5192	364	65	535	184	2	7	486
23	Net Value Added (NVA)	184	119512	5062	-21	4275	26397	26	51	5719
24	Net Fixed Capital Formation	-6	29255	-157	141	299	-113	-2	-7	-153
25	Gross Fixed Capital Formation	68	34447	207	206	834	71	0	0	333
26.1	Addition in Stock of - Materials, Fuels etc.	-54	11890	-342	23	-102	-19250	-1	-6	195
26.2	Addition in Stock of - Semi Finished Goods	-10	175	-583	-28	85	218	0	-1	1
26.3	Addition in Stock of - Finished Goods	18	280	0	24	-12	189	-2	-15	91
26.4	Addition in Stock of - Total	-46	12345	-925	19	-29	-18843	-3	-22	287
27	Gross Capital Formation	22	46792	-718	225	805	-18772	-3	-22	620
28	Net Income	124	114357	4972	-21	3825	12575	24	48	5520
29	Profit	-167	77532	721	-405	-46	10903	-5	1	2715

Table T.13: Estimate of Selected Characteristics of factory sector by 3 digit industry group (NIC 2008) in urban area

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	329	331	381	382	383	581	Others	Total
1	No. of Factories (Nos.)	12	13	1	1	1	21	683	3858
2	Factories in Operation (Nos.)	12	13	1	1	1	19	603	3479
3	Fixed Capital	3215	819	2916	2303	12	33022	130294	4750823
4	Physical Working Capital	11117	125	645	0	0	5872	43393	1543984
5	Working Capital	14596	682	968	1548	0	-2192	70769	904040
6	Invested Capital	14332	944	3561	2303	12	38894	173687	6294807
7	Gross Value of Additions to Fixed Capital	609	17	1766	1003	0	2511	5783	955642
8	Rent Paid	0	0	0	0	0	0	752	2624
9	Outstanding Loan	3424	28	723	0	0	7010	61876	785865
10	Interest Paid	486	21	4	0	0	2774	4746	128133
11	Rent Received	0	0	0	0	0	0	0	94
12	Interest Received	144	1	88	37	0	420	495	36777
13	Gross Value of P&M	9	52	317	0	0	56137	98380	2640834
14	Value of Products & By-products	17652	0	1283	10	0	26360	88013	9297322
15	Other Output	2348	6748	1178	4439	34	20768	330545	980195
16	Total Output	20000	6748	2461	4449	34	47128	418558	10277517
17	Fuels Consumed	250	199	77	12	2	1137	6209	508504
18	Material Consumed for Manufacturing	13047	852	18	1	0	13855	110117	7192466
19	Other Input	4101	3000	1886	3713	23	6343	213013	1051989
20	Total Input	17398	4051	1981	3726	25	21335	329339	8752946
21	Gross Value Added (GVA)	2602	2697	480	723	9	25793	89219	1524571
22	Depreciation	319	103	104	280	1	6701	11303	277999
23	Net Value Added (NVA)	2283	2594	376	443	8	19092	77916	1246572
24	Net Fixed Capital Formation	289	-115	1657	723	-1	-4261	-7528	191029
25	Gross Fixed Capital Formation	608	-12	1761	1003	0	2440	3775	469028
26.1	Addition in Stock of - Materials, Fuels etc.	1919	-208	44	0	0	-5	-3681	171273
26.2	Addition in Stock of - Semi Finished Goods	188	0	0	0	0	0	514	75363
26.3	Addition in Stock of - Finished Goods	934	0	0	0	0	0	2738	100659
26.4	Addition in Stock of - Total	3041	-208	44	0	0	-5	-429	347295
27	Gross Capital Formation	3649	-220	1805	1003	0	2435	3346	816323
28	Net Income	1797	2573	372	443	8	16318	72419	1115813
29	Profit	959	-745	74	391	2	1900	21215	480595

Table T.14: Estimate of Selected Characteristics of factory sector by Type of organization

(Values in ₹ lakh unless otherwise mentioned)

Sl. No.	Characteristic	Individual Proprietorship	Partnership	Limited Liability Partnership	Government Company - Public	Government Company - Private
1	No. of Factories (Nos.)	2525	2212	94	95	65
2	Factories in Operation (Nos.)	2147	1948	86	94	65
3	Fixed Capital	221126	282040	21486	3297567	87592
4	Physical Working Capital	149103	223082	4778	870313	52156
5	Working Capital	104283	107567	6263	185520	124432
6	Invested Capital	370229	505122	26264	4167880	139748
7	Gross Value of Additions to Fixed Capital	20207	40382	1577	823414	16536
8	Rent Paid	335	1186	54	15	304
9	Outstanding Loan	125235	184185	6322	243638	44921
10	Interest Paid	15887	21323	700	40418	5292
11	Rent Received	8	0	0	87	0
12	Interest Received	1280	2182	111	23450	2017
13	Gross Value of P&M	9687	16023	2035	1522216	52295
14	Value of Products & By-products	710685	1379595	51815	4951276	192551
15	Other Output	208149	249950	3160	118989	23392
16	Total Output	918834	1629545	54975	5070265	215943
17	Fuels Consumed	23300	46551	1168	387164	23643
18	Material Consumed for Manufacturing	588383	1033326	33051	3883964	99125
19	Other Input	177637	289784	6565	241113	25461
20	Total Input	789320	1369648	40784	4512241	148229
21	Gross Value Added (GVA)	129514	259897	14191	558024	67714
22	Depreciation	16269	33159	1334	148249	6010
23	Net Value Added (NVA)	113245	226738	12857	409775	61704
24	Net Fixed Capital Formation	1681	1948	92	215942	612
25	Gross Fixed Capital Formation	17950	35107	1426	364191	6622
26.1	Addition in Stock of - Materials, Fuels etc.	11460	17697	457	179170	3592
26.2	Addition in Stock of - Semi Finished Goods	383	1769	48	71631	506
26.3	Addition in Stock of - Finished Goods	2085	3014	183	91702	-4167
26.4	Addition in Stock of - Total	13928	22480	688	342503	-69
27	Gross Capital Formation	31878	57587	2114	706694	6553
28	Net Income	97022	204229	12104	369342	56107
29	Profit	22809	91434	3070	160031	7348

Table T.14: Estimate of Selected Characteristics of factory sector by Type of organization**(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	292	1948	450	291	7972
2	Factories in Operation (Nos.)	280	1830	445	62	6957
3	Fixed Capital	784173	1016945	86992	19156	5817077
4	Physical Working Capital	197749	666232	34207	18042	2215662
5	Working Capital	174123	759402	47773	19716	1529079
6	Invested Capital	981922	1683177	121199	37198	8032739
7	Gross Value of Additions to Fixed Capital	54738	141531	8963	1824	1109172
8	Rent Paid	360	2739	0	0	4993
9	Outstanding Loan	111306	470265	85289	3098	1274259
10	Interest Paid	37134	60883	7629	932	190198
11	Rent Received	63	464	0	0	622
12	Interest Received	4025	12540	1284	612	47501
13	Gross Value of P&M	882837	726999	48094	1414	3261600
14	Value of Products & By-products	1523745	3554641	469075	54724	12888107
15	Other Output	167035	684821	74870	9018	1539384
16	Total Output	1690780	4239462	543945	63742	14427491
17	Fuels Consumed	61132	107257	7871	1856	659942
18	Material Consumed for Manufacturing	1111867	2527409	397384	33838	9708347
19	Other Input	144571	752400	68255	7236	1713022
20	Total Input	1317570	3387066	473510	42930	12081298
21	Gross Value Added (GVA)	373210	852396	70435	20812	2346193
22	Depreciation	57760	108456	7806	1218	380261
23	Net Value Added (NVA)	315450	743940	62629	19594	1965932
24	Net Fixed Capital Formation	-19108	17235	272	698	219372
25	Gross Fixed Capital Formation	38652	125691	8078	1916	599633
26.1	Addition in Stock of - Materials, Fuels etc.	-27122	45527	4339	19	235139
26.2	Addition in Stock of - Semi Finished Goods	2425	12684	391	501	90338
26.3	Addition in Stock of - Finished Goods	-10568	14561	2007	-607	98210
26.4	Addition in Stock of - Total	-35265	72772	6737	-87	423687
27	Gross Capital Formation	3387	198463	14815	1829	1023320
28	Net Income	277957	680320	55000	18662	1770743
29	Profit	123791	318338	10714	8604	746139

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

KASARAGOD

(Values in ₹ lakh unless otherwise mentioned)

Sl. No	Characteristic	Individual Proprietorship	Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Private	Co-operative Society	Total
1	No. of Factories (Nos.)	217	37	1	1	23	70	349
2	Factories in Operation (Nos.)	161	35	1	1	23	70	291
3	Fixed Capital	297	3935	1727	159	5608	786	12512
4	Physical Working Capital	1572	4412	208	462	4654	4713	16021
5	Working Capital	1031	2695	144	-132	13768	2701	20207
6	Invested Capital	1869	8347	1935	621	10262	5499	28533
7	Gross Value of Additions to Fixed Capital	27	243	5	0	548	2	825
8	Rent Paid	0	0	0	0	1	0	1
9	Outstanding Loan	299	5402	0	97	4157	670	10625
10	Interest Paid	7	559	0	6	431	72	1075
11	Rent Received	0	0	0	0	0	0	0
12	Interest Received	1	20	1	3	8	4	37
13	Gross Value of P&M	0	0	0	137	3016	73	3226
14	Value of Products & By-products	715	8985	889	0	9537	15730	35856
15	Other Output	3923	2902	6	4	5157	1866	13858
16	Total Output	4638	11887	895	4	14694	17596	49714
17	Fuels Consumed	80	252	183	14	388	24	941
18	Material Consumed for Manufacturing	644	7166	348	0	6143	12845	27146
19	Other Input	110	2420	85	7	4341	160	7123
20	Total Input	834	9838	616	21	10872	13029	35210
21	Gross Value Added (GVA)	3804	2049	279	-17	3822	4567	14504
22	Depreciation	31	490	147	26	611	42	1347
23	Net Value Added (NVA)	3773	1559	132	-43	3211	4525	13157
24	Net Fixed Capital Formation	-5	-301	-142	-26	-230	-41	-745
25	Gross Fixed Capital Formation	26	189	5	0	381	1	602
26.1	Addition in Stock of - Materials, Fuels etc.	-41	340	206	0	-293	2360	2572
26.2	Addition in Stock of - Semi Finished Goods	0	536	-22	0	-316	-10	188
26.3	Addition in Stock of - Finished Goods	-73	223	-58	0	-240	-8	-156
26.4	Addition in Stock of - Total	-114	1099	126	0	-849	2342	2604
27	Gross Capital Formation	-88	1288	131	0	-468	2343	3206
28	Net Income	3766	1000	132	-49	2780	4453	12082
29	Profit	147	-232	-92	-54	634	2234	2637

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details**KANNUR****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	Individual Proprietorship	Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Public
1	No. of Factories (Nos.)	257	207	9	8	8
2	Factories in Operation (Nos.)	117	191	9	8	8
3	Fixed Capital	4452	26060	8242	3085	1325
4	Physical Working Capital	6299	7457	3002	3130	490
5	Working Capital	2861	23436	-7821	2106	278
6	Invested Capital	10751	33517	11244	6215	1815
7	Gross Value of Additions to Fixed Capital	1108	3139	4	391	22
8	Rent Paid	8	25	0	0	41
9	Outstanding Loan	3595	8031	12855	2065	14
10	Interest Paid	274	733	946	561	12
11	Rent Received	0	0	0	0	0
12	Interest Received	32	227	17	48	13
13	Gross Value of P&M	711	2372	6853	1926	644
14	Value of Products & By-products	10924	49510	1941	11138	1874
15	Other Output	1378	8840	562	1280	1961
16	Total Output	12302	58350	2503	12418	3835
17	Fuels Consumed	643	4820	330	1124	183
18	Material Consumed for Manufacturing	8131	26068	1085	5771	607
19	Other Input	1158	6116	297	1462	1320
20	Total Input	9932	37004	1712	8357	2110
21	Gross Value Added (GVA)	2370	21346	791	4061	1725
22	Depreciation	443	3644	449	391	126
23	Net Value Added (NVA)	1927	17702	342	3670	1599
24	Net Fixed Capital Formation	652	-775	-445	14	-106
25	Gross Fixed Capital Formation	1095	2869	4	405	20
26.1	Addition in Stock of - Materials, Fuels etc..	375	841	-172	-55	-26
26.2	Addition in Stock of - Semi Finished Goods	5	57	-55	-90	36
26.3	Addition in Stock of - Finished Goods	439	122	264	-584	52
26.4	Addition in Stock of - Total	819	1020	37	-729	62
27	Gross Capital Formation	1914	3889	41	-324	82
28	Net Income	1645	16943	-604	3109	1546
29	Profit	-150	7142	-2241	275	345

Table T.15: Estimate of Selected Characteristics of factory sector by type of organization in Kannur District

KANNUR

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	96	144	1	730
2	Factories in Operation (Nos.)	75	139	1	548
3	Fixed Capital	10156	13541	1505	68366
4	Physical Working Capital	5363	7100	95	32936
5	Working Capital	12863	2320	510	36553
6	Invested Capital	15519	20641	1600	101302
7	Gross Value of Additions to Fixed Capital	797	515	462	6438
8	Rent Paid	0	0	0	74
9	Outstanding Loan	4312	6653	0	37525
10	Interest Paid	456	3649	0	6631
11	Rent Received	0	0	0	0
12	Interest Received	75	31	18	461
13	Gross Value of P&M	11265	3764	0	27535
14	Value of Products & By-products	23495	53159	6478	158519
15	Other Output	15978	7656	431	38086
16	Total Output	39473	60815	6909	196605
17	Fuels Consumed	1388	1209	78	9775
18	Material Consumed for Manufacturing	19232	41942	5135	107971
19	Other Input	9221	6056	799	26429
20	Total Input	29841	49207	6012	144175
21	Gross Value Added (GVA)	9632	11608	897	52430
22	Depreciation	1139	1126	120	7438
23	Net Value Added (NVA)	8493	10482	777	44992
24	Net Fixed Capital Formation	-451	-612	178	-1545
25	Gross Fixed Capital Formation	688	514	298	5893
26.1	Addition in Stock of - Materials, Fuels etc..	-316	425	-13	1059
26.2	Addition in Stock of - Semi Finished Goods	97	26	0	76
26.3	Addition in Stock of - Finished Goods	380	351	3	1027
26.4	Addition in Stock of - Total	161	802	-10	2162
27	Gross Capital Formation	849	1316	288	8055
28	Net Income	8037	6833	777	38286
29	Profit	644	-910	375	5480

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

WAYANAD

(Values in ₹ lakh unless otherwise mentioned)

Sl. No.	Characteristic	Individual Proprietorship	Partnership	Government company-Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	6	15	1	1	39	7	1	70
2	Factories in Operation (Nos.)	6	15	1	1	36	7	1	67
3	Fixed Capital	199	3418	4	67	48266	3139	1748	56841
4	Physical Working Capital	37	1211	0	114	5105	1222	116	7805
5	Working Capital	-778	822	0	114	4233	324	35	4750
6	Invested Capital	236	4629	4	181	53371	4361	1864	64646
7	Gross Value of Additions to Fixed Capital	6	364	0	11	388	1212	31	2012
8	Rent Paid	0	5	0	0	1	0	0	6
9	Outstanding Loan	3	1377	0	0	13909	3005	501	18795
10	Interest Paid	0	68	0	0	215	1	289	573
11	Rent Received	0	0	0	0	0	0	0	0
12	Interest Received	0	4	0	0	16	15	2	37
13	Gross Value of P&M	0	69	0	0	6960	3838	0	10867
14	Value of Products & By-products	22695	14026	0	1847	28490	22196	883	90137
15	Other Output	263	124	16	0	2817	17745	358	21323
16	Total Output	22958	14150	16	1847	31307	39941	1241	111460
17	Fuels Consumed	13	530	1	170	2232	392	90	3428
18	Material Consumed for Manufacturing	17302	9087	0	1483	14673	20760	984	64289
19	Other Input	327	915	1	34	3854	16388	400	21919
20	Total Input	17642	10532	2	1687	20759	37540	1474	89636
21	Gross Value Added (GVA)	5316	3618	14	160	10548	2401	-233	21824
22	Depreciation	8	421	0	8	714	307	129	1587
23	Net Value Added (NVA)	5308	3197	14	152	9834	2094	-362	20237
24	Net Fixed Capital Formation	-3	-257	0	2	-463	876	-98	57
25	Gross Fixed Capital Formation	5	164	0	10	251	1183	31	1644
26.1	Addition in Stock of - Materials, Fuels etc..	11	-175	0	28	513	108	0	485
26.2	Addition in Stock of - Semi Finished Goods	0	-40	0	0	90	62	0	112
26.3	Addition in Stock of - Finished Goods	4	106	0	2	236	136	-28	456
26.4	Addition in Stock of - Total	15	-109	0	30	839	306	-28	1053
27	Gross Capital Formation	20	55	0	40	1090	1489	3	2697
28	Net Income	5308	3124	14	152	9617	2093	-651	19657
29	Profit	5152	2199	1	-56	1046	944	-941	8345

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details**KOZHIKODE****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	Individual Proprietorship	Partnership	Limited Liability Partnership	Government Company - Public	Government Company - Private
1	No. of Factories (Nos.)	88	146	9	4	2
2	Factories in Operation (Nos.)	76	135	8	3	2
3	Fixed Capital	1721	11795	299	967	558
4	Physical Working Capital	1655	12938	280	403	539
5	Working Capital	1342	4465	545	-7627	883
6	Invested Capital	3376	24733	579	1370	1097
7	Gross Value of Additions to Fixed Capital	69	754	127	11	18
8	Rent Paid	0	18	0	0	0
9	Outstanding Loan	1146	11109	0	1360	143
10	Interest Paid	243	749	0	616	6
11	Rent Received	0	0	0	0	0
12	Interest Received	40	19	0	1	2
13	Gross Value of P&M	87	960	0	2956	243
14	Value of Products & By-products	8609	47494	1308	2307	1751
15	Other Output	3601	20177	0	1126	7
16	Total Output	12210	67671	1308	3433	1758
17	Fuels Consumed	285	1380	8	446	20
18	Material Consumed for Manufacturing	6560	37132	665	1317	1097
19	Other Input	2984	21190	88	713	100
20	Total Input	9829	59702	761	2476	1217
21	Gross Value Added (GVA)	2381	7969	547	957	541
22	Depreciation	199	1687	22	118	87
23	Net Value Added (NVA)	2182	6282	525	839	454
24	Net Fixed Capital Formation	-169	-967	160	-118	-69
25	Gross Fixed Capital Formation	30	720	182	0	18
26.1	Addition in Stock of - Materials, Fuels etc.	71	1596	49	72	116
26.2	Addition in Stock of - Semi Finished Goods	164	426	0	87	-9
26.3	Addition in Stock of - Finished Goods	-137	811	-7	46	67
26.4	Addition in Stock of - Total	98	2833	42	205	174
27	Gross Capital Formation	128	3553	224	205	192
28	Net Income	1939	5514	525	223	448
29	Profit	203	752	221	-649	11

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details**KOZHIKODE****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories	20	138	50	11	468
2	Factories in Operation (Nos.)	18	137	50	1	430
3	Fixed Capital	32096	50066	2831	4218	104551
4	Physical Working Capital	6294	29709	1888	232	53938
5	Working Capital	-2115	27402	1663	-576	25982
6	Invested Capital	38390	79775	4719	4450	158489
7	Gross Value of Additions to Fixed Capital	2354	6016	274	0	9623
8	Rent Paid	0	1	0	0	19
9	Outstanding Loan	3597	14456	586	0	32397
10	Interest Paid	2468	1461	3	1	5547
11	Rent Received	0	0	0	0	0
12	Interest Received	420	202	10	1	695
13	Gross Value of P&M	53690	32433	3102	41	93512
14	Value of Products & By-products(In Lakhs)	25903	138631	27928	350	254281
15	Other Output	20315	52809	3362	0	101397
16	Total Output	46218	191440	31290	350	355678
17	Fuels Consumed	1173	5963	339	50	9664
18	Material Consumed for Manufacturing	13745	99416	24734	69	184735
19	Other Input	6311	48620	4052	21	84079
20	Total Input	21229	153999	29125	140	278478
21	Gross Value Added (GVA)	24989	37441	2165	210	77200
22	Depreciation	6614	4969	359	4	14059
23	Net Value Added (NVA)	18375	32472	1806	206	63141
24	Net Fixed Capital Formation(₹ lakhs)	-4336	-656	-114	-4	-6273
25	Gross Fixed Capital Formation(₹ lakhs)	2278	4313	245	0	7786
26.1	Addition in Stock of - Materials, Fuels etc.	92	2099	-95	-20	3980
26.2	Addition in Stock of - Semi Finished Goods	0	244	27	10	949
26.3	Addition in Stock of - Finished Goods	-59	-1144	212	-13	-224
26.4	Addition in Stock of - Total	33	1199	144	-23	4705
27	Gross Capital Formation	2311	5512	389	-23	12491
28	Net Income	15907	31011	1803	205	57575
29	Profit	1999	11751	-769	-86	13433

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

MALAPPURAM

(Values in ₹ lakh unless otherwise mentioned)

Sl. No.	Characteristic	Individual Proprietorship	Partnership	Limited Liability Partnership	Government Company – Public	Government Company - Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	81	137	7	3	2	3	96	6	5	340
2	Factories in Operation (Nos.)	77	131	7	3	2	3	96	6	5	330
3	Fixed Capital	3887	12277	349	6133	743	2108	17208	3055	4320	50080
4	Physical Working Capital	3304	10565	459	1455	172	273	27738	849	8402	53217
5	Working Capital	1812	10598	729	-5219	58	-659	14522	-5599	16069	32311
6	Invested Capital	7191	22842	808	7588	915	2381	44946	3904	12722	103297
7	Gross Value of Additions to Fixed Capital	426	1427	191	3347	106	149	2670	245	793	9354
8	Rent Paid	0	419	5	0	0	0	151	0	0	575
9	Outstanding Loan	2794	9350	641	18	201	0	9489	7711	207	30411
10	Interest Paid	261	600	54	503	59	0	1888	914	29	4308
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	2	8	0	2	0	0	229	0	527	768
13	Gross Value of P&M	140	0	0	8073	807	397	15171	4699	0	29287
14	Value of Products & By-products	19207	47916	1239	81642	895	2534	148487	5944	30275	338139
15	Other Output	788	5145	29	527	207	0	48888	33	3483	59100
16	Total Output	19995	53061	1268	82169	1102	2534	197375	5977	33758	397239
17	Fuels Consumed	442	3041	19	398	14	116	4355	592	1092	10069
18	Material Consumed for Manufacturing	16539	31295	868	80670	346	1388	128913	4063	14485	278567
19	Other Input	717	7016	41	904	218	233	44165	316	3716	57326
20	Total Input	17698	41352	928	81972	578	1737	177433	4971	19293	345962
21	Gross Value Added (GVA)	2297	11709	340	197	524	797	19942	1006	14465	51277
22	Depreciation	390	1790	52	496	77	117	2261	242	338	5763
23	Net Value Added (NVA)	1907	9919	288	-299	447	680	17681	764	14127	45514
24	Net Fixed Capital Formation	18	-411	136	2850	29	30	161	-4	698	3507
25	Gross Fixed Capital Formation	408	1379	188	3346	106	147	2422	238	1036	9270
26.1	Addition in Stock of - Materials, Fuels etc..	583	183	34	748	6	52	3798	146	-274	5276
26.2	Addition in Stock of - Semi Finished Goods	-2	-30	-14	10	-37	7	206	93	457	690
26.3	Addition in Stock of - Finished Goods	535	-2052	-112	17	0	-75	941	55	459	-232
26.4	Addition in Stock of - Total	1116	-1899	-92	775	-31	-16	4945	294	642	5734
27	Gross Capital Formation	1524	-520	96	4121	75	131	7367	532	1678	15004
28	Net Income	1646	8899	230	-802	388	680	15642	-150	14098	40631
29	Profit	436	2006	66	-2865	31	307	7123	-1179	10113	16038

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

PALAKKAD

(Values in ₹ lakh unless otherwise mentioned)

Sl. No.	Characteristic	Individual Proprietorship	Partnership	Limited Liability Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Total
1	No. of Factories (Nos.)	182	123	13	15	3	31	181	12	560
2	Factories in Operation (Nos.)	181	123	13	15	3	31	179	12	557
3	Fixed Capital	8124	20435	1179	44446	1223	69844	105926	6994	258171
4	Physical Working Capital	10034	6349	668	17071	1367	27956	72665	3295	139405
5	Working Capital	6104	9493	568	30474	1833	4691	11508	2577	67248
6	Invested Capital	18158	26784	1847	61517	2590	97800	178591	10289	397576
7	Gross Value of Additions to Fixed Capital	1121	2739	20	2213	137	1968	21157	2422	31777
8	Rent Paid	1	237	49	15	1	85	205	0	593
9	Outstanding Loan	5359	12362	1445	6245	237	23012	69998	6	118664
10	Interest Paid	366	1399	146	1476	24	4743	6078	48	14280
11	Rent Received	0	0	0	0	0	0	35	0	35
12	Interest Received	83	39	0	519	11	282	496	62	1492
13	Gross Value of P&M	0	975	292	24337	926	67705	100114	2508	196857
14	Value of Products & By-products	21807	73773	3453	43210	3291	106418	420934	52308	725194
15	Other Output	33041	4172	1555	4372	101	7148	72484	10523	133396
16	Total Output	54848	77945	5008	47582	3392	113566	493418	62831	858590
17	Fuels Consumed	1243	4648	352	8585	48	11155	23257	520	49808
18	Material Consumed for Manufacturing	17473	47384	2306	16437	971	69418	330673	48328	532990
19	Other Input	30705	9450	931	7167	764	7659	80021	9179	145876
20	Total Input	49421	61482	3589	32189	1783	88232	433951	58027	728674
21	Gross Value Added (GVA)	5427	16463	1419	15393	1609	25334	59467	4804	129916
22	Depreciation	761	2573	158	2193	75	3873	9718	824	20175
23	Net Value Added (NVA)	4666	13890	1261	13200	1534	21461	49749	3980	109741
24	Net Fixed Capital Formation	171	61	-137	-882	152	-2491	9791	1598	8263
25	Gross Fixed Capital Formation	932	2634	21	1311	227	1382	19509	2422	28438
26.1	Addition in Stock of - Materials, Fuels etc..	3589	699	-95	-234	453	-2473	9009	568	11516
26.2	Addition in Stock of - Semi Finished Goods	-35	111	65	-741	0	286	-1929	0	-2243
26.3	Addition in Stock of - Finished Goods	-324	501	-10	1188	157	-394	4604	585	6307
26.4	Addition in Stock of - Total	3230	1311	-40	213	610	-2581	11684	1153	15580
27	Gross Capital Formation	4162	3945	-19	1524	837	-1199	31193	3575	44018
28	Net Income	4299	12256	1066	11709	1509	16633	43467	3932	94871
29	Profit	1383	4921	141	13	580	3957	19532	1468	31995

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

THRISSUR

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Individual Proprietorship	Partnership	Limited Liability Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	222	382	33	13	2	24	214	24	3	917
2	Factories in Operation (Nos.)	193	352	33	13	2	24	180	24	3	824
3	Fixed Capital	6980	44787	18364	11513	3641	22587	55338	10876	2393	176479
4	Physical Working Capital	5158	22506	3104	11314	3603	13080	34817	1681	6529	101792
5	Working Capital	4926	45525	2646	-6283	-5219	5014	56832	308	1575	105324
6	Invested Capital	12138	67293	21468	22827	7244	35667	90155	12557	8922	278271
7	Gross Value of Additions to Fixed Capital	1410	5167	1219	4586	784	3066	4064	77	160	20533
8	Rent Paid	0	117	0	0	0	0	72	0	0	189
9	Outstanding Loan	6671	24541	3064	599	15298	17989	25787	11276	0	105225
10	Interest Paid	655	3005	403	915	1509	1170	3551	1265	14	12487
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	83	230	51	774	20	51	454	26	15	1704
13	Gross Value of P&M	64	940	1716	13569	3246	42551	27899	1603	0	91588
14	Value of Products & By-products	27335	198605	44148	97952	3462	147246	248173	35181	2264	804366
15	Other Output	35108	79056	1290	5307	1136	18520	33013	2096	2542	178068
16	Total Output	62443	277661	45438	103259	4598	165766	281186	37277	4806	982434
17	Fuels Consumed	1779	6664	730	1342	615	5222	3773	917	42	21084
18	Material Consumed for Manufacturing	49483	156987	28220	74506	1604	107919	197539	28932	2938	648128
19	Other Input	3232	80872	5059	6221	588	18090	34688	932	285	149967
20	Total Input	54494	244510	34009	82069	2807	131231	236000	30781	3265	819166
21	Gross Value Added (GVA)	7949	33151	11429	21190	1791	34535	45186	6496	1541	163268
22	Depreciation	816	3984	1035	1325	257	2179	5331	686	142	15755
23	Net Value Added (NVA)	7133	29167	10394	19865	1534	32356	39855	5810	1399	147513
24	Net Fixed Capital Formation	549	920	-19	-3875	527	656	-1504	-599	19	-3326
25	Gross Fixed Capital Formation	1365	4904	1016	-2550	784	2835	3827	87	161	12429
26.1	Addition in Stock of - Materials, Fuels etc..	558	442	482	3795	199	839	-2181	-51	333	4416
26.2	Addition in Stock of - Semi Finished Goods	115	81	-3	145	-6	287	45	53	0	717
26.3	Addition in Stock of - Finished Goods	324	-949	311	1189	-467	-852	-1254	8	-859	-2549
26.4	Addition in Stock of - Total	997	-426	790	5129	-274	274	-3390	10	-526	2584
27	Gross Capital Formation	2362	4478	1806	2579	510	3109	437	97	-365	15013
28	Net Income	6478	26046	9991	18950	24	31186	36232	4545	1385	134837
29	Profit	2294	7882	3089	8999	-2180	11988	13450	2081	-81	47522

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

ERNAKULAM

(Values in ₹ lakh unless otherwise mentioned)

Sl. No.	Characteristic	Individual Proprietorship	Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	331	512	2	21	10	64	545	16	89
2	Factories in Operation (Nos.)	299	451	0	21	10	54	518	16	7
3	Fixed Capital	95344	72744	0	3209874	6104	544178	348514	10224	266
4	Physical Working Capital	25938	76250	0	821977	2552	104963	286122	3599	215
5	Working Capital	24384	-27193	0	164320	-805	269865	357051	26404	327
6	Invested Capital	121282	148994	0	4031851	8656	649141	634636	13823	481
7	Gross Value of Additions to Fixed Capital	6396	15404	0	812393	379	22628	66049	977	5
8	Rent Paid	7	163	0	0	0	99	1794	0	0
9	Outstanding Loan	19391	59957	0	203348	7679	30642	166594	4176	543
10	Interest Paid	2455	5982	0	34092	732	20013	24986	339	0
11	Rent Received	0	0	0	87	0	63	429	0	0
12	Interest Received	218	489	0	21808	40	2674	5024	281	4
13	Gross Value of P&M	5502	2208	0	1450101	2867	615166	275164	10408	0
14	Value of Products & By-products	185555	518108	0	4682134	23287	864858	1444164	72330	795
15	Other Output	16955	17022	0	82602	9236	70224	122937	21147	17
16	Total Output	202510	535130	0	4764736	32523	935082	1567101	93477	812
17	Fuels Consumed	6707	13947	0	373247	560	27951	32526	1060	52
18	Material Consumed for Manufacturing	147616	385920	0	3687281	17904	669680	938095	61863	532
19	Other Input	20228	38717	0	207291	9171	60306	234129	17895	31
20	Total Input	174551	438584	0	4267819	27635	757937	1204750	80818	615
21	Gross Value Added (GVA)	27959	96546	0	496917	4888	177145	362351	12659	197
22	Depreciation	3995	9090	0	141852	360	35525	42796	1702	34
23	Net Value Added (NVA)	23964	87456	0	355065	4528	141620	319555	10957	163
24	Net Fixed Capital Formation	2296	3638	0	219277	-54	-15175	16475	-1232	-29
25	Gross Fixed Capital Formation	6291	12728	0	361129	306	20350	59271	470	5
26.1	Addition in Stock of - Materials, Fuels etc..	1447	6412	0	174182	411	-33232	21187	117	-3
26.2	Addition in Stock of - Semi Finished Goods	473	892	0	72732	5	1040	9874	-34	-5
26.3	Addition in Stock of - Finished Goods	-2090	-1703	0	90885	-285	-7893	5661	127	27
26.4	Addition in Stock of - Total	-170	5601	0	337799	131	-40085	36722	210	19
27	Gross Capital Formation	6121	18329	0	698928	437	-19735	95993	680	24
28	Net Income	21501	81312	0	320973	3796	121508	292775	10618	163
29	Profit	7783	54814	0	164844	270	63062	158818	4838	0

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

IDUKKI

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Individual Proprietorship	Partnership	Limited Liability Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	31	10	16	1	1	25	74	1	3	162
2	Factories in Operation (Nos.)	31	10	16	1	1	25	68	1	3	156
3	Fixed Capital	8203	489	436	333	32	14013	53920	48	1475	78949
4	Physical Working Capital	879	621	218	21	79	8463	17192	21	1022	28516
5	Working Capital	1835	850	554	55	79	6826	52125	79	2813	65216
6	Invested Capital	9082	1110	654	354	111	22476	71112	69	2497	107465
7	Gross Value of Additions to Fixed Capital	1080	75	19	10	0	2035	2576	0	218	6013
8	Rent Paid	0	4	0	0	0	0	1	0	0	5
9	Outstanding Loan	6897	499	603	0	0	532	8399	92	349	17371
10	Interest Paid	573	100	16	0	0	176	1609	2	11	2487
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	15	0	4	0	0	4	263	3	36	325
13	Gross Value of P&M	3044	0	0	0	73	15291	32060	169	218	50855
14	Value of Products & By-products	6300	1497	200	275	0	77612	173918	1938	2358	264098
15	Other Output	95	871	267	0	12	3479	14835	67	68	19694
16	Total Output	6395	2368	467	275	12	81091	188753	2005	2426	283792
17	Fuels Consumed	879	54	21	24	1	4134	5071	43	63	10290
18	Material Consumed for Manufacturing	2816	1654	144	199	0	43067	99432	1620	1301	150233
19	Other Input	981	280	154	25	1	5970	29307	123	311	37152
20	Total Input	4676	1988	319	248	2	53171	133810	1786	1675	197675
21	Gross Value Added (GVA)	1719	380	148	27	10	27920	54943	219	751	86117
22	Depreciation	1000	62	38	44	4	1698	4031	20	174	7071
23	Net Value Added (NVA)	719	318	110	-17	6	26222	50912	199	577	79046
24	Net Fixed Capital Formation	-68	-4	-20	-34	-4	287	-2492	-19	43	-2311
25	Gross Fixed Capital Formation	932	58	18	10	0	1985	1539	1	217	4760
26.1	Addition in Stock of - Materials, Fuels etc.	-12	-31	-19	-10	0	831	240	-11	-203	785
26.2	Addition in Stock of - Semi Finished Goods	0	-16	0	0	0	-89	-387	1	18	-473
26.3	Addition in Stock of-Finished Goods	71	29	2	-3	-12	485	-55	0	-93	424
26.4	Addition in Stock of - Total	59	-18	-17	-13	-12	1227	-202	-10	-278	736
27	Gross Capital Formation	991	40	1	-3	-12	3212	1337	-9	-61	5496
28	Net Income	146	214	94	-17	6	26046	49302	197	566	76554
29	Profit	-637	-80	-48	-65	4	19928	30607	38	-59	49688

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

KOTTAYAM

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Individual Proprietorship	Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	112	118	7	5	25	157	22	20	466
2	Factories in Operation (Nos.)	104	117	7	5	25	143	22	13	436
3	Fixed Capital	8920	11657	1768	70	33256	119055	6164	691	181581
4	Physical Working Capital	5107	7812	414	212	14988	49655	1120	213	79521
5	Working Capital	9852	12400	-6083	-2186	26909	91511	7982	-956	139429
6	Invested Capital	14027	19469	2182	282	48244	168710	7284	904	261102
7	Gross Value of Additions to Fixed Capital	1702	1736	11	36	14601	9197	81	17	27381
8	Rent Paid	1	18	0	0	0	59	0	0	78
9	Outstanding Loan	6151	8818	0	227	5526	33687	3523	51	57983
10	Interest Paid	861	639	325	0	780	5834	575	403	9417
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	149	134	1	0	56	2922	22	0	3284
13	Gross Value of P&M	0	857	382	9	47036	116942	1712	1087	168025
14	Value of Products & By-products	36658	59292	1064	2698	184024	300828	26889	1103	612556
15	Other Output	7749	15328	62	324	20548	175371	5651	636	225669
16	Total Output	44407	74620	1126	3022	204572	476199	32540	1739	838225
17	Fuels Consumed	1962	1944	27	8	6080	11591	821	123	22556
18	Material Consumed for Manufacturing	26535	48680	798	1759	125917	230261	22451	638	457039
19	Other Input	7478	16107	84	380	19646	121393	6434	539	172061
20	Total Input	35975	66731	909	2147	151643	363245	29706	1300	651656
21	Gross Value Added (GVA)	8432	7889	217	875	52929	112954	2834	439	186569
22	Depreciation	1061	1473	105	9	3566	17753	505	90	24562
23	Net Value Added (NVA)	7371	6416	112	866	49363	95201	2329	349	162007
24	Net Fixed Capital Formation	245	15	-94	26	5	-9953	-425	-73	-10254
25	Gross Fixed Capital Formation	1306	1488	11	35	3571	7800	80	17	14308
26.1	Addition in Stock of-Materials, Fuels etc..	617	621	63	-4	4060	6922	86	76	12441
26.2	Addition in Stock of - Semi Finished Goods	149	-36	-224	0	418	573	32	-1	911
26.3	Addition in Stock of-Finished Goods	401	546	90	172	-948	-1908	-104	-12	-1763
26.4	Addition in Stock of-Total	1167	1131	-71	168	3530	5587	14	63	11589
27	Gross Capital Formation	2473	2619	-60	203	7101	13387	94	80	25897
28	Net Income	6509	5759	-213	866	48583	89309	1754	-54	152513
29	Profit	2296	-1216	-1203	729	26588	41548	-545	-995	67202

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

ALAPPUZHA

(Values in ₹ lakh unless otherwise mentioned)

Sl. No.	Characteristic	Individual Proprietorship	Partnership	Limited Liability Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	204	159	1	15	17	134	40	62	646	204
2	Factories in Operation (Nos.)	196	132	1	15	17	128	40	8	546	196
3	Fixed Capital	14735	36453	1112	26812	23900	72135	11423	118	187547	14735
4	Physical Working Capital	15728	38376	502	8819	13075	67265	3859	112	147785	15728
5	Working Capital	8748	20701	1139	-15307	8105	32259	5159	77	62102	8748
6	Invested Capital	30463	74829	1614	35631	36975	139400	15282	230	335332	30463
7	Gross Value of Additions to Fixed Capital	1348	7682	41	6909	3137	12803	636	28	32585	1348
8	Rent Paid	35	41	0	0	0	43	0	0	119	35
9	Outstanding Loan	12013	20746	0	11160	4774	26264	13439	52	89017	12013
10	Interest Paid	1337	4420	0	1378	1114	6608	570	12	15520	1337
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	125	702	7	137	364	2062	321	3	3777	125
13	Gross Value of P&M	0	3723	574	7941	19368	42484	2083	68	76268	0
14	Value of Products & By-products	71878	221874	3114	42002	70755	338457	40446	1093	791086	71878
15	Other Output	10683	14827	446	4544	6141	30718	1363	35	68776	10683
16	Total Output	82561	236701	3560	46546	76896	369175	41809	1128	859862	82561
17	Fuels Consumed	1579	4502	32	1589	2693	6640	807	12	17892	1579
18	Material Consumed for Manufacturing	59542	178877	2233	34240	55353	280283	32096	798	644270	59542
19	Other Input	11570	21989	531	3846	9145	36810	1651	90	85924	11570
20	Total Input	72691	205368	2796	39675	67191	323733	34554	900	748086	72691
21	Gross Value Added (GVA)	9870	31333	764	6871	9705	45442	7255	228	111776	9870
22	Depreciation	1670	3947	115	1665	1470	6295	674	14	15879	1670
23	Net Value Added (NVA)	8200	27386	649	5206	8235	39147	6581	214	95897	8200
24	Net Fixed Capital Formation	-356	3144	-58	3297	1298	6302	-59	14	13554	-356
25	Gross Fixed Capital Formation	1314	7091	57	4962	2768	12597	615	28	29433	1314
26.1	Addition in Stock of-Materials, Fuels etc..	1426	4100	55	64	1487	2805	648	11	10602	1426
26.2	Addition in Stock of - Semi Finished Goods	58	286	-38	93	-102	320	103	-1	719	58
26.3	Addition in Stock of-Finished Goods	-2037	4505	-51	-188	-954	5582	349	-2	7203	-2037
26.4	Addition in Stock of-Total	-553	8891	-34	-31	431	8707	1100	8	18524	-553
27	Gross Capital Formation	761	15982	23	4931	3199	21304	1715	36	47957	761
28	Net Income	6828	22925	649	3828	7121	32496	6011	202	80258	6828
29	Profit	592	9588	322	-3177	2062	7563	2233	6	18790	592

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details
PATHANAMTHITTA (Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	Individual Proprietor ship	Partner ship	Government Company - Public	Non- Government Company - Public	Non- Government Company - Private	Co- operative Society	Others	Total
1	No. of Factories (Nos.)	68	43	6	9	74	1	20	221
2	Factories in Operation (Nos.)	67	43	6	9	74	1	3	203
3	Fixed Capital	4407	5854	459	15027	30489	1051	730	58017
4	Physical Working Capital	3969	1246	526	1167	15757	339	149	23153
5	Working Capital	5471	198	2682	-2338	21213	-1441	2	25787
6	Invested Capital	8376	7100	985	16194	46246	1390	879	81170
7	Gross Value of Additions to Fixed Capital	160	220	9	62	4614	144	47	5256
8	Rent Paid	70	64	0	0	226	0	0	360
9	Outstanding Loan	5709	2199	6	13701	13651	50	802	36118
10	Interest Paid	515	194	9	1638	1343	0	63	3762
11	Rent Received	0	0	0	0	0	0	0	0
12	Interest Received	1	24	85	29	391	4	1	535
13	Gross Value of P&M	0	2626	465	17032	19516	1146	0	40785
14	Value of Products & By-products	14249	13777	7090	4923	89098	11439	6391	146967
15	Other Output	8293	830	1377	629	18943	770	143	30985
16	Total Output	22542	14607	8467	5552	108041	12209	6534	177952
17	Fuels Consumed	606	1366	45	95	3473	172	104	5861
18	Material Consumed for Manufacturing	10447	6477	5449	1194	57265	10455	5748	97035
19	Other Input	8906	2217	1377	1101	16711	526	247	31085
20	Total Input	19959	10060	6871	2390	77449	11153	6099	133981
21	Gross Value Added (GVA)	2583	4547	1596	3162	30592	1056	435	43971
22	Depreciation	571	782	31	844	3683	51	85	6047
23	Net Value Added (NVA)	2012	3765	1565	2318	26909	1005	350	37924
24	Net Fixed Capital Formation	-451	-615	-22	-782	-271	92	-39	-2088
25	Gross Fixed Capital Formation	120	167	9	62	3412	143	46	3959
26.1	Addition in Stock of - Materials, Fuels etc..	449	-72	104	-260	71	36	-13	315
26.2	Addition in Stock of - Semi Finished Goods	12	6	-8	-7	3969	0	0	3972
26.3	Addition in Stock of - Finished Goods	1133	0	-42	175	-81	-17	-2	1166
26.4	Addition in Stock of - Total	1594	-66	54	-92	3959	19	-15	5453
27	Gross Capital Formation	1714	101	63	-30	7371	162	31	9412
28	Net Income	1426	3507	1556	680	25339	1005	287	33800
29	Profit	-857	960	643	271	12668	214	104	14003

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details

KOLLAM

(Values in ₹ lakh unless otherwise mentioned)

Sl. No.	Characteristic	Individual Proprietorship	Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	648	251	2	6	36	69	31	45	1088
2	Factories in Operation (Nos.)	572	145	2	6	36	69	31	12	873
3	Fixed Capital	53194	21227	3617	37511	8104	29297	11278	964	165192
4	Physical Working Capital	65358	23084	829	24540	2504	24018	3312	66	143711
5	Working Capital	33816	-6911	2865	31625	-151338	1859	5884	16	-82184
6	Invested Capital	118552	44311	4446	62051	10608	53315	14590	1030	308903
7	Gross Value of Additions to Fixed Capital	4237	625	0	7264	3184	1350	2166	3	18829
8	Rent Paid	213	39	0	303	3	12	0	0	570
9	Outstanding Loan	44741	11675	56	1094	8117	17814	29997	0	113494
10	Interest Paid	7603	1986	19	827	4487	3958	173	0	19053
11	Rent Received	8	0	0	0	0	0	0	0	8
12	Interest Received	425	262	3	1756	34	80	495	0	3055
13	Gross Value of P&M	71	649	0	22924	2680	9105	9019	0	44448
14	Value of Products & By-product	256993	82204	3297	80685	10229	96820	63889	293	594410
15	Other Output	84951	59395	6034	4209	1705	50163	1337	0	207794
16	Total Output	341944	141599	9331	84894	11934	146983	65226	293	802204
17	Fuels Consumed	4912	2035	55	17760	378	1930	448	1	27519
18	Material Consumed for Manufacturing	208683	64530	1555	25840	8133	77114	52378	222	438455
19	Other Input	85898	59000	3898	6098	943	49272	3055	13	208177
20	Total Input	299493	125565	5508	49698	9454	128316	55881	236	674151
21	Gross Value Added (GVA)	42451	16034	3823	35196	2480	18667	9345	57	128053
22	Depreciation	4322	2168	378	1861	505	1666	751	25	11676
23	Net Value Added (NVA)	38129	13866	3445	33335	1975	17001	8594	32	116377
24	Net Fixed Capital Formation	-1278	-1690	-378	-2606	1150	-671	1116	-23	-4380
25	Gross Fixed Capital Formation	3044	478	0	-745	1655	995	1867	2	7296
26.1	Addition in Stock of - Materials, Fuels etc..	2065	-679	6	1505	1010	650	406	32	4995
26.2	Addition in Stock of - Semi Finished Goods	-568	-532	0	235	643	58	32	0	-132
26.3	Addition in Stock of - Finished Goods	4018	715	0	-2683	-90	1342	178	-11	3469
26.4	Addition in Stock of - Total	5515	-496	6	-943	1563	2050	616	21	8332
27	Gross Capital Formation	8559	-18	6	-1688	3218	3045	2483	23	15628
28	Net Income	30314	11840	3426	32205	-2515	13031	8421	32	96754
29	Profit	2704	1556	300	9839	-9238	5316	-463	-23	9991

Table T.15: Estimate of Selected Characteristics of factory sector by Type of organization - District wise details**Thiruvananthapuram****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	Individual Proprietorship	Partnership	Government Company - Public	Government Company - Private	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	No. of Factories (Nos.)	78	72	12	9	29	108	26	31	365
2	Factories in Operation (Nos.)	67	68	12	9	29	104	26	5	320
3	Fixed Capital	10663	10909	7376	7650	17668	70967	5582	728	131543
4	Physical Working Capital	4065	10255	12591	6681	4382	26172	1209	891	66246
5	Working Capital	2879	10488	16874	111497	8771	62256	-588	-176	212001
6	Invested Capital	14728	21164	19967	14331	22050	97139	6791	1619	197789
7	Gross Value of Additions to Fixed Capital	1117	807	784	512	1521	9302	212	60	14315
8	Rent Paid	0	36	0	0	132	173	0	0	341
9	Outstanding Loan	10466	8119	19151	6720	3402	61748	4105	593	114304
10	Interest Paid	737	889	1517	190	533	2465	18	110	6459
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	106	24	232	0	98	318	10	5	793
13	Gross Value of P&M	68	644	14906	11196	1277	34870	3970	0	66931
14	Value of Products & By-products	27760	42534	26361	23342	25522	93609	39698	2441	281267
15	Other Output	1321	21261	16568	2316	16365	40708	1254	1305	101098
16	Total Output	29081	63795	42929	25658	41887	134317	40952	3746	382365
17	Fuels Consumed	2170	1368	2450	1889	1782	4670	527	149	15005
18	Material Consumed for Manufacturing	16612	32069	12086	9593	13963	48370	34917	988	168598
19	Other Input	3343	23495	12520	2825	13813	39868	1488	784	98136
20	Total Input	22125	56932	27056	14307	29558	92908	36932	1921	281739
21	Gross Value Added (GVA)	6956	6863	15873	11351	12329	41409	4020	1825	100626
22	Depreciation	1002	1048	996	1198	1235	7489	517	63	13548
23	Net Value Added (NVA)	5954	5815	14877	10153	11094	33920	3503	1762	87078
24	Net Fixed Capital Formation	80	-810	-137	-674	354	1197	-305	12	-283
25	Gross Fixed Capital Formation	1082	238	859	524	1589	8686	212	75	13265
26.1	Addition in Stock of - Materials, Fuels etc..	322	3420	355	897	470	1023	-404	93	6176
26.2	Addition in Stock of - Semi Finished Goods	12	28	-255	315	-94	-160	6	23	-125
26.3	Addition in Stock of - Finished Goods	-179	160	-1823	-344	-17	497	135	-76	-1647
26.4	Addition in Stock of - Total	155	3608	-1723	868	359	1360	-263	40	4404
27	Gross Capital Formation	1237	3846	-864	1392	1948	10046	-51	115	17669
28	Net Income	5217	4890	13360	9963	10430	31282	3485	1652	80279
29	Profit	1463	1142	-7975	1019	2578	7638	530	191	6586

Table T.16: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Individual Proprietorship

Type of Organization: Individual Proprietorship									(Values in ₹ lakh unless otherwise mentioned)					
Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18	20	21	22	23
1	No. of Factories (Nos.)	673	21	338	60	22	54	404	28	32	38	39	135	351
2	Factories in Operation (Nos.)	629	21	160	55	22	47	362	23	32	37	36	118	286
3	Fixed Capital	70772	839	29	2919	2667	1086	16907	334	2703	3031	1336	8031	31083
4	Physical Working Capital	91098	1338	17	1061	2194	861	11211	445	317	1348	1140	6856	4813
5	Working Capital	42710	865	32	794	1086	2889	8104	941	-368	1811	2225	6997	13436
6	Invested Capital	161870	2177	46	3980	4861	1947	28118	779	3020	4379	2476	14887	35896
7	Gross Value of Additions to Fixed Capital	6283	169	0	70	428	34	3389	9	109	375	434	1945	3976
8	Rent Paid	7	0	0	1	0	0	8	0	0	0	0	0	3
9	Outstanding Loan	51611	426	0	1230	1326	1080	13592	358	2840	1280	1841	3006	26145
10	Interest Paid	8120	37	0	350	125	99	1656	9	113	115	176	468	2708
11	Rent Received	8	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	726	1	0	0	11	4	60	2	5	3	0	177	131
13	Gross Value of P&M	7206	0	0	711	0	0	675	0	3	0	119	271	179
14	Value of Products & By-products	450904	2567	0	5816	3285	5400	75752	2462	5505	12523	5101	49208	49387
15	Other Output	96277	2	3863	1811	248	1728	3917	38	652	1066	264	3947	661
16	Total Output	547181	2569	3863	7627	3533	7128	79669	2500	6157	13589	5365	53155	50048
17	Fuels Consumed	6985	132	0	177	68	267	2568	78	190	126	225	2135	7770
18	Material Consumed for Manufacturing	380231	1937	6	3569	1677	4502	63983	1526	2625	10080	2874	35435	19627
19	Other Input	101556	151	71	2373	476	538	3245	151	834	1532	615	7762	4954
20	Total Input	488772	2220	77	6119	2221	5307	69796	1755	3649	11738	3714	45332	32351
21	Gross Value Added (GVA)	58409	349	3786	1508	1312	1821	9873	745	2508	1851	1651	7823	17697
22	Depreciation	6443	91	1	302	284	129	1744	42	363	287	167	953	3498
23	Net Value Added (NVA)	51966	258	3785	1206	1028	1692	8129	703	2145	1564	1484	6870	14199
24	Net Fixed Capital Formation	-527	49	-1	-259	112	-95	1629	-32	-306	31	262	792	-760
25	Gross Fixed Capital Formation	5916	140	0	43	396	34	3373	10	57	318	429	1745	2738
26.1	Addition in Stock of - Materials, Fuels etc.	7561	377	4	249	-216	-58	-1021	105	-152	251	75	1077	601
26.2	Addition in Stock of - Semi Finished Goods	-1048	0	0	0	21	0	6	1	31	35	34	144	28
26.3	Addition in Stock of - Finished Goods	-1089	34	3	34	225	-60	-49	-30	-23	3	-85	446	347
26.4	Addition in Stock of - Total	5424	411	7	283	30	-118	-1064	76	-144	289	24	1667	976
27	Gross Capital Formation	11340	551	7	326	426	-84	2309	86	-87	607	453	3412	3714
28	Net Income	43840	221	3785	855	903	1593	6465	694	2032	1449	1308	6402	11488
29	Profit	7862	38	238	-134	-4	279	2360	287	296	713	123	2904	3963

Table T.16: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Individual Proprietorship

Type of Organization: Individual Proprietorship									(Values in ₹ lakh unless otherwise mentioned)						
Sl.No.	Characteristic	24	25	26	27	28	29	30	31	32	33	38	Others	Total	
1	No. of Factories (Nos.)	14	52	4	17	33	5	9	51	14	12	1	118	2525	
2	Factories in Operation (Nos.)	13	52	3	16	31	5	9	51	14	12	1	112	2147	
3	Fixed Capital	62181	2006	446	520	1763	59	129	3042	1438	673	12	7120	221126	
4	Physical Working Capital	5007	1755	51	946	810	214	2705	2051	6494	739	0	5632	149103	
5	Working Capital	1958	1399	223	502	387	119	35	1514	11086	851	0	4687	104283	
6	Invested Capital	67188	3761	497	1466	2573	273	2834	5093	7932	1412	12	12752	370229	
7	Gross Value of Additions to Fixed Capital	49	781	51	50	368	0	2	317	424	11	0	933	20207	
8	Rent Paid	0	6	0	0	33	2	1	1	0	0	0	273	335	
9	Outstanding Loan	2767	1187	254	496	1322	64	142	2828	2879	57	0	8504	125235	
10	Interest Paid	255	197	17	67	129	2	8	248	111	19	0	858	15887	
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	8	
12	Interest Received	24	6	13	0	3	0	10	1	11	1	0	91	1280	
13	Gross Value of P&M	463	28	0	0	0	0	0	32	0	0	0	0	9687	
14	Value of Products & By-products	6965	5276	611	4602	7549	97	300	5971	6347	294	0	4763	710685	
15	Other Output	305	1550	7	141	449	112	57	438	1138	2223	34	87221	208149	
16	Total Output	7270	6826	618	4743	7998	209	357	6409	7485	2517	34	91984	918834	
17	Fuels Consumed	811	295	28	103	194	4	12	191	74	63	2	802	23300	
18	Material Consumed for Manufacturing	5562	3281	192	3465	4055	64	200	3699	3417	455	0	35921	588383	
19	Other Input	327	1414	174	367	1058	7	37	970	1853	894	23	46255	177637	
20	Total Input	6700	4990	394	3935	5307	75	249	4860	5344	1412	25	82978	789320	
21	Gross Value Added (GVA)	570	1836	224	808	2691	134	108	1549	2141	1105	9	9006	129514	
22	Depreciation	131	215	64	56	236	3	17	165	194	88	1	795	16269	
23	Net Value Added (NVA)	439	1621	160	752	2455	131	91	1384	1947	1017	8	8211	113245	
24	Net Fixed Capital Formation	-81	546	-14	-43	54	-3	-14	94	229	-95	-1	114	1681	
25	Gross Fixed Capital Formation	50	761	50	13	290	0	3	259	423	-7	0	909	17950	
26	Addition in Stock of - Materials, Fuels etc.	452	30	9	77	367	-4	4	-140	1651	9	0	152	11460	
26	Addition in Stock of - Semi Finished Goods	282	-20	0	138	6	15	0	24	1	0	0	685	383	
26	Addition in Stock of - Finished Goods	194	253	-9	-140	24	-5	233	261	-10	0	0	1528	2085	
26	Addition in Stock of - Total	928	263	0	75	397	6	237	145	1642	9	0	2365	13928	
27	Gross Capital Formation	978	1024	50	88	687	6	240	404	2065	2	0	3274	31878	
28	Net Income	184	1417	143	685	2293	127	82	1135	1836	998	8	7079	97022	
29	Profit	-7	139	35	156	828	32	-63	233	843	-88	2	1774	22809	

Table T.17: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 –Partnership

Type of Organization: Partnership

(Values in ₹ lakh unless otherwise mentioned)

Sl. No.	Characteristic	10	11	12	13	14	15	16	17	18	19	20	21	22
1	No. of Factories (Nos.)	401	18	13	79	10	67	370	67	12	7	39	22	253
2	Factories in Operation (Nos.)	359	16	13	64	10	66	332	65	12	6	39	22	223
3	Fixed Capital	76385	5174	244	8317	240	3995	21161	3056	1918	753	4652	2170	54412
4	Physical Working Capital	98732	1028	179	8127	553	7047	17764	2187	159	200	4079	941	19870
5	Working Capital	58503	547	95	10439	1301	6728	-87920	2376	287	286	3741	1558	34382
6	Invested Capital	175117	6202	423	16444	793	11042	38925	5243	2077	953	8731	3111	74282
7	Gross Value of Additions to Fixed Capital	7573	129	0	1535	10	331	5542	643	10	142	634	298	10437
8	Rent Paid	57	18	0	0	0	0	4	0	0	0	0	0	59
9	Outstanding Loan	65423	861	9	4740	753	2546	11994	1705	1468	120	1826	1471	27298
10	Interest Paid	9284	128	2	861	70	306	1223	227	172	28	287	165	2007
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1069	2	0	249	9	0	35	28	5	0	38	5	247
13	Gross Value of P&M	6708	0	0	390	0	297	206	0	0	25	0	626	3043
14	Value of Products & By-products	520259	7360	479	53488	2668	12862	116982	13421	2979	1980	31688	6248	231932
15	Other Output	72499	1229	126	2650	779	3538	1607	458	161	784	4826	57	19232
16	Total Output	592758	8589	605	56138	3447	16400	118589	13879	3140	2764	36514	6305	251164
17	Fuels Consumed	11630	267	5	808	45	223	4021	432	98	59	712	262	8325
18	Material Consumed for Manufacturing	421564	5435	307	37218	1558	8458	92768	9500	1462	1555	23477	3056	170640
19	Other Input	83757	1336	252	7592	548	1387	7159	1445	509	648	5716	494	29151
20	Total Input	516951	7038	564	45618	2151	10068	103948	11374	2069	2262	29905	3812	208110
21	Gross Value Added (GVA)	75807	1551	41	10520	1296	6332	14641	2505	1071	502	6609	2493	43054
22	Depreciation	8151	267	2	1015	38	649	2674	418	309	70	510	291	5635
23	Net Value Added (NVA)	67656	1284	39	9505	1258	5683	11967	2087	762	432	6099	2202	37419
24	Net Fixed Capital Formation	-1426	-138	-190	386	-13	-320	2025	226	-299	72	46	1	4340
25	Gross Fixed Capital Formation	6725	129	-188	1401	25	329	4699	644	10	142	556	292	9975
26.1	Addition in Stock of - Materials, Fuels etc..	11087	31	6	584	21	1081	-1297	394	-6	-17	371	18	2267
26.2	Addition in Stock of - Semi Finished Goods	246	64	0	132	-10	500	384	-16	0	10	-14	-59	37
26.3	Addition in Stock of - Finished Goods	637	86	9	117	-86	471	383	-13	0	-26	78	42	-942
26.4	Addition in Stock of - Total	11970	181	15	833	-75	2052	-530	365	-6	-33	435	1	1362
27	Gross Capital Formation	18695	310	-173	2234	-50	2381	4169	1009	4	109	991	293	11337
28	Net Income	58314	1138	37	8644	1188	5377	10740	1860	590	404	5812	2037	35354
29	Profit	29288	74	-69	2880	259	3687	3103	283	121	140	3255	369	17911

Table T.17: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Partnership

Type of Organization: Partnership		(Values in ₹ lakh unless otherwise mentioned)												
Sl.No.	Characteristic	23	24	25	26	27	28	29	31	32	33	38	Others	Total
1	No. of Factories (Nos.)	407	34	79	3	29	25	3	58	35	2	1	178	2212
2	Factories in Operation (Nos.)	310	30	77	3	28	23	3	52	35	2	1	157	1948
3	Fixed Capital	59374	5090	6717	211	1335	520	624	2398	5048	1	78	18167	282040
4	Physical Working Capital	5517	7308	9865	295	3252	262	394	7459	11656	0	0	16208	223082
5	Working Capital	14182	10228	10023	499	1282	1168	-199	3521	11615	-3	0	22928	107567
6	Invested Capital	64891	12398	16582	506	4587	782	1018	9857	16704	1	78	34375	505122
7	Gross Value of Additions to Fixed Capital	5234	1065	2569	90	321	60	303	238	526	0	81	2611	40382
8	Rent Paid	862	11	0	0	25	0	0	6	65	0	0	79	1186
9	Outstanding Loan	30186	2238	5260	591	1123	590	51	6829	5536	0	250	11317	184185
10	Interest Paid	2723	374	748	40	153	69	6	228	700	0	0	1522	21323
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	96	34	25	1	21	4	0	24	243	0	0	47	2182
13	Gross Value of P&M	2705	836	39	0	76	0	0	538	461	0	0	73	16023
14	Value of Products & By - products	110001	89154	42094	617	9187	3007	1143	5459	83402	0	0	33185	1379595
15	Other Output	2845	676	2062	6	230	565	691	7101	4777	28	0	123023	249950
16	Total Output	112846	89830	44156	623	9417	3572	1834	12560	88179	28	0	156208	1629545
17	Fuels Consumed	15511	873	593	9	172	76	22	281	411	1	0	1715	46551
18	Material Consumed for Manufacturing	38399	68001	35475	321	6497	2090	845	3226	76749	6	0	24719	1033326
19	Other Input	17554	1897	2426	59	1028	300	643	7038	5212	1	1	113631	289784
20	Total Input	71460	70771	38494	389	7697	2466	1510	10545	82372	8	1	140065	1369648
21	Gross Value Added (GVA)	41386	19059	5662	234	1720	1106	324	2015	5807	20	-1	16143	259897
22	Depreciation	8440	609	620	17	156	85	68	337	588	0	3	2207	33159
23	Net Value Added (NVA)	32946	18450	5042	217	1564	1021	256	1678	5219	20	-4	13936	226738
24	Net Fixed Capital Formation	-4031	-182	1904	73	135	-28	222	-169	-157	0	78	-607	1948
25	Gross Fixed Capital Formation	4409	427	2524	90	291	57	290	168	431	0	81	1600	35107
26.1	Addition in Stock of - Materials, Fuels etc.	-349	368	2287	40	299	62	28	-123	424	0	0	121	17697
26.2	Addition in Stock of - Semi Finished Goods	93	0	53	-4	234	-140	6	27	226	0	0	0	1769
26.3	Addition in Stock of - Finished Goods	-4	61	614	7	9	-29	95	-1862	1296	0	0	2071	3014
26.4	Addition in Stock of - Total	-260	429	2954	43	542	-107	129	-1958	1946	0	0	2192	22480
27	Gross Capital Formation	4149	856	5478	133	833	-50	419	-1790	2377	0	81	3792	57587
28	Net Income	29362	18065	4294	177	1386	952	250	1443	4454	20	-4	12335	204229
29	Profit	10421	16762	1058	39	404	149	47	-56	1408	-4	-5	-90	91434

Table T.18: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Limited Liability Partnership**Type of Organization: Limited Liability Partnership****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	10	12	13	15	17	20	22	23	24	25	26	29	31	Others	Total
1	No. of Factories (Nos.)	9	4	10	6	7	3	10	15	1	10	2	1	1	15	94
2	Factories in Operation (Nos.)	9	4	5	5	7	3	10	15	1	10	0	1	1	15	86
3	Fixed Capital	12585	1253	54	193	1101	81	3763	888	273	185	0	17	19	1074	21486
4	Physical Working Capital	2020	352	0	407	324	302	277	196	128	520	0	0	40	212	4778
5	Working Capital	2920	-882	569	702	1191	531	351	167	80	282	0	0	21	331	6263
6	Invested Capital	14605	1605	54	600	1425	383	4040	1084	401	705	0	17	59	1286	26264
7	Gross Value of Additions to Fixed Capital	429	22	1	32	127	2	728	25	13	159	0	0	13	26	1577
8	Rent Paid	0	0	0	5	0	0	0	0	0	0	0	0	0	49	54
9	Outstanding Loan	188	616	0	533	569	15	1832	830	123	309	0	0	0	1307	6322
10	Interest Paid	24	153	0	53	81	7	152	67	25	68	0	0	0	70	700
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	37	0	56	0	0	0	0	18	0	0	0	0	0	0	111
13	Gross Value of P&M	0	0	27	0	0	0	1361	355	0	149	0	0	0	143	2035
14	Value of Products & By-products	31377	1039	-2	660	2759	2762	7036	1741	1995	2037	0	0	411	0	51815
15	Other Output	378	843	19	19	0	19	27	22	0	20	0	0	1	1812	3160
16	Total Output	31755	1882	17	679	2759	2781	7063	1763	1995	2057	0	0	412	1812	54975
17	Fuels Consumed	467	4	1	16	42	10	157	97	118	209	0	0	3	44	1168
18	Material Consumed for Manufacturing	20720	800	4	377	1500	1729	3822	976	1697	970	0	0	252	204	33051
19	Other Input	2650	1056	33	18	343	338	893	193	34	220	0	0	13	774	6565
20	Total Input	23837	1860	38	411	1885	2077	4872	1266	1849	1399	0	0	268	1022	40784
21	Gross Value Added (GVA)	7918	22	-21	268	874	704	2191	497	146	658	0	0	144	790	14191
22	Depreciation	554	86	3	32	48	11	270	118	36	23	0	3	3	147	1334
23	Net Value Added (NVA)	7364	-64	-24	236	826	693	1921	379	110	635	0	-3	141	643	12857
24	Net Fixed Capital Formation	-306	-64	-2	0	134	-9	456	-113	-23	133	0	-3	10	-121	92
25	Gross Fixed Capital Formation	248	22	1	32	182	2	726	5	13	156	0	0	13	26	1426
26.1	Addition in Stock of - Materials, Fuels etc..	416	-9	0	15	57	-35	51	55	-81	7	0	0	2	-21	457
26.2	Addition in Stock of - Semi Finished Goods	0	0	0	-14	0	-3	0	0	0	65	0	0	0	0	48
26.3	Addition in Stock of - Finished Goods	0	322	0	-119	-8	-60	50	2	16	-19	0	0	-1	0	183
26.4	Addition in Stock of - Total	416	313	0	-118	49	-98	101	57	-65	53	0	0	1	-21	688
27	Gross Capital Formation	664	335	1	-86	231	-96	827	62	-52	209	0	0	14	5	2114
28	Net Income	7340	-217	-24	179	745	686	1769	312	85	567	0	-3	141	524	12104
29	Profit	2415	-447	-489	62	312	460	563	99	24	110	0	-3	12	-48	3070

Table T.19: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Government Company-Public

Type of Organization: Government Company-Public		(Values in ₹ lakh unless otherwise mentioned)								
Sl.No.	Characteristic	10	11	13	16	19	20	21	22	23
1	No. of Factories (Nos.)	14	3	6	1	7	9	6	9	3
2	Factories in Operation (Nos.)	14	3	6	1	7	9	6	9	3
3	Fixed Capital	17010	656	9930	18	2983528	65091	2779	1598	5816
4	Physical Working Capital	9212	400	2166	11	702420	63251	3364	138	8144
5	Working Capital	1735	2879	-36443	-47	5914	-76910	493	-246	4408
6	Invested Capital	26222	1056	12096	29	3685948	128342	6143	1736	13960
7	Gross Value of Additions to Fixed Capital	5583	21	212	0	771809	8466	412	0	62
8	Rent Paid	0	0	0	0	14	0	0	0	0
9	Outstanding Loan	2727	0	27901	1	3448	189462	0	5	3574
10	Interest Paid	936	1	3287	1	672	26045	0	7	427
11	Rent Received	0	0	0	0	0	0	0	0	0
12	Interest Received	60	84	32	1	1306	9826	713	0	480
13	Gross Value of P&M	15256	171	12860	38	1245505	183732	1819	257	5548
14	Value of Products & By-products	93390	6576	6912	95	4062518	387968	13884	695	26394
15	Other Output	5353	1368	29	1	29771	8772	186	8	306
16	Total Output	98743	7944	6941	96	4092289	396740	14070	703	26700
17	Fuels Consumed	1074	48	1353	4	331893	39260	269	24	8172
18	Material Consumed for Manufacturing	70591	5164	3297	48	3399245	206475	7951	444	8934
19	Other Input	8328	1353	340	9	99125	44071	638	61	1737
20	Total Input	79993	6565	4990	61	3830263	289806	8858	529	18843
21	Gross Value Added (GVA)	18750	1379	1951	35	262026	106934	5212	174	7857
22	Depreciation	1295	61	578	2	133079	3976	444	105	567
23	Net Value Added (NVA)	17455	1318	1373	33	128947	102958	4768	69	7290
24	Net Fixed Capital Formation	-3561	-40	-368	-2	188313	4425	-116	-105	-612
25	Gross Fixed Capital Formation	-2266	21	210	0	321392	8401	328	0	-45
26.1	Addition in Stock of - Materials, Fuels etc.	3843	108	6	-11	156092	7600	-37	-1	-388
26.2	Addition in Stock of - Semi Finished Goods	24	0	69	-9	70299	814	86	1	-142
26.3	Addition in Stock of - Finished Goods	847	-34	89	-1	109331	-16475	393	-10	33
26.4	Addition in Stock of - Total	4714	74	164	-21	335722	-8061	442	-10	-497
27	Gross Capital Formation	2448	95	374	-21	657114	340	770	-10	-542
28	Net Income	16519	1317	-1914	32	128261	76913	4768	62	6863
29	Profit	8097	851	-5636	-95	61002	26948	1699	-316	-365

Table T.19: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Government Company-Public

Type of Organization: Government Company-Public		(Values in ₹ lakh unless otherwise mentioned)								
Sl.No.	Characteristic	24	26	27	28	30	31	33	Others	Total
1	No. of Factories (Nos.)	3	4	6	9	4	4	2	5	95
2	Factories in Operation (Nos.)	2	4	6	9	4	4	2	5	94
3	Fixed Capital	458	14175	4873	5799	184482	7	301	1046	3297567
4	Physical Working Capital	28	8396	10668	12069	48901	8	53	1084	870313
5	Working Capital	27	25764	119	27029	228121	-731	110	3298	185520
6	Invested Capital	486	22571	15541	17868	233383	15	354	2130	4167880
7	Gross Value of Additions to Fixed Capital	0	616	1450	261	34521	0	0	1	823414
8	Rent Paid	1	0	0	0	0	0	0	0	15
9	Outstanding Loan	0	0	2856	0	13660	4	0	0	243638
10	Interest Paid	0	977	2063	869	5133	0	0	0	40418
11	Rent Received	0	0	0	54	33	0	0	0	87
12	Interest Received	0	3	118	129	10698	0	0	0	23450
13	Gross Value of P&M	1029	10947	7785	9332	27734	0	52	151	1522216
14	Value of Products & By-products	0	10406	36302	35071	269883	1182	0	0	4951276
15	Other Output	270	13793	1798	1765	52104	0	3077	388	118989
16	Total Output	270	24199	38100	36836	321987	1182	3077	388	5070265
17	Fuels Consumed	14	235	460	415	3795	3	138	7	387164
18	Material Consumed for Manufacturing	3	7611	27494	20935	124647	1117	2	6	3883964
19	Other Input	21	10055	5991	3007	64747	20	1424	186	241113
20	Total Input	38	17901	33945	24357	193189	1140	1564	199	4512241
21	Gross Value Added (GVA)	232	6298	4155	12479	128798	42	1513	189	558024
22	Depreciation	77	1347	505	653	5466	2	41	51	148249
23	Net Value Added (NVA)	155	4951	3650	11826	123332	40	1472	138	409775
24	Net Fixed Capital Formation	-77	-820	224	-374	29158	-2	-51	-50	215942
25	Gross Fixed Capital Formation	0	527	729	279	34624	0	-10	1	364191
26.1	Addition in Stock of - Materials, Fuels etc.	-3	94	-193	374	11539	0	0	147	179170
26.2	Addition in Stock of - Semi Finished Goods	0	-451	1573	-50	-583	0	0	0	71631
26.3	Addition in Stock of - Finished Goods	0	1166	-2793	-844	0	0	0	0	91702
26.4	Addition in Stock of - Total	-3	809	-1413	-520	10956	0	0	147	342503
27	Gross Capital Formation	-3	1336	-684	-241	45580	0	-10	148	706694
28	Net Income	154	3974	1587	10957	118199	40	1472	138	369342
29	Profit	5	-1872	-9544	2170	78087	-115	-718	-167	160031

Table T.20: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Government Company – Private**Type of Organization: Government Company - Private****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	10	13	16	20	21	22	24	25
1	No. of Factories (Nos.)	5	12	8	4	4	3	4	3
2	Factories in Operation (Nos.)	5	12	8	4	4	3	4	3
3	Fixed Capital	4652	9493	1175	37254	8233	5457	12124	3503
4	Physical Working Capital	585	5076	2184	15783	1404	6049	11099	3897
5	Working Capital	-431	-21140	1569	39119	4148	113821	159	1565
6	Invested Capital	5237	14569	3359	53037	9637	11506	23223	7400
7	Gross Value of Additions to Fixed Capital	247	2292	180	7190	4015	313	500	962
8	Rent Paid	0	0	0	303	0	0	0	0
9	Outstanding Loan	1142	14409	7991	143	7026	1	3787	2405
10	Interest Paid	73	1826	555	134	687	136	399	221
11	Rent Received	0	0	0	0	0	0	0	0
12	Interest Received	37	29	2	1743	108	0	12	14
13	Gross Value of P&M	1839	4746	1428	22451	4445	8171	3387	2533
14	Value of Products & By-products	11075	27638	6336	76697	11108	21876	16764	3837
15	Other Output	6748	2714	152	919	817	1350	101	1136
16	Total Output	17823	30352	6488	77616	11925	23226	16865	4973
17	Fuels Consumed	244	1091	1000	17467	328	1629	1012	581
18	Material Consumed for Manufacturing	6806	25790	3005	22946	6559	8511	13391	1685
19	Other Input	7379	1052	1042	2884	1364	2653	946	832
20	Total Input	14429	27933	5047	43297	8251	12793	15349	3098
21	Gross Value Added (GVA)	3394	2419	1441	34319	3674	10433	1516	1875
22	Depreciation	233	957	169	1884	823	960	161	242
23	Net Value Added (NVA)	3161	1462	1272	32435	2851	9473	1355	1633
24	Net Fixed Capital Formation	-57	987	4	-2706	1594	-647	338	720
25	Gross Fixed Capital Formation	176	1944	173	-822	2417	313	499	962
26.1	Addition in Stock of - Materials, Fuels etc.	-2	8	-31	1397	59	886	736	174
26.2	Addition in Stock of - Semi Finished Goods	3	5	-25	238	-40	339	130	-78
26.3	Addition in Stock of - Finished Goods	3	-42	-221	-2782	-519	-465	143	20
26.4	Addition in Stock of - Total	4	-29	-277	-1147	-500	760	1009	116
27	Gross Capital Formation	180	1915	-104	-1969	1917	1073	1508	1078
28	Net Income	3088	-364	717	31998	2164	9337	956	1411
29	Profit	802	-4143	-733	11646	182	1238	-1457	-155

Table T.20: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Government Company – Private

Type of Organization: Government Company - Private
otherwise mentioned)

(Values in ₹ lakh unless

Sl.No.	Characteristic	26	27	30	32	33	Others	Total
1	No. of Factories (Nos.)	4	3	2	1	2	10	65
2	Factories in Operation (Nos.)	4	3	2	1	2	10	65
3	Fixed Capital	1521	465	1107	1114	28	1466	87592
4	Physical Working Capital	2919	1262	385	1298	59	156	52156
5	Working Capital	1825	-17287	-1544	1850	473	305	124432
6	Invested Capital	4440	1727	1492	2412	87	1622	139748
7	Gross Value of Additions to Fixed Capital	363	111	194	132	7	30	16536
8	Rent Paid	0	0	0	1	0	0	304
9	Outstanding Loan	442	1094	6361	120	0	0	44921
10	Interest Paid	526	691	0	17	2	25	5292
11	Rent Received	0	0	0	0	0	0	0
12	Interest Received	46	15	0	11	0	0	2017
13	Gross Value of P&M	1112	555	300	830	0	498	52295
14	Value of Products & By-products	8926	4667	385	3242	0	0	192551
15	Other Output	2415	2804	24	96	1463	2653	23392
16	Total Output	11341	7471	409	3338	1463	2653	215943
17	Fuels Consumed	182	33	21	45	4	6	23643
18	Material Consumed for Manufacturing	5097	3389	296	942	629	79	99125
19	Other Input	1626	2704	64	749	686	1480	25461
20	Total Input	6905	6126	381	1736	1319	1565	148229
21	Gross Value Added (GVA)	4436	1345	28	1602	144	1088	67714
22	Depreciation	188	45	108	65	3	172	6010
23	Net Value Added (NVA)	4248	1300	-80	1537	141	916	61704
24	Net Fixed Capital Formation	194	68	98	157	3	-141	612
25	Gross Fixed Capital Formation	382	113	206	222	6	31	6622
26.1	Addition in Stock of - Materials, Fuels etc.	16	46	25	454	-211	35	3592
26.2	Addition in Stock of - Semi Finished Goods	-88	50	-28	0	0	0	506
26.3	Addition in Stock of - Finished Goods	-349	-136	24	157	0	0	-4167
26.4	Addition in Stock of - Total	-421	-40	21	611	-211	35	-69
27	Gross Capital Formation	-39	73	227	833	-205	66	6553
28	Net Income	3722	609	-80	1519	139	891	56107
29	Profit	356	-981	-486	621	85	373	7348

Table T.21: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Non Government Company – Public**Type of Organization: Non-Government Company - Public****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	10	11	13	14	16	17	18	19	20	21	22	23	24
1	No. of Factories (Nos.)	86	9	19	5	1	2	1	3	15	5	39	15	9
2	Factories in Operation (Nos.)	76	9	19	5	1	2	1	3	14	5	39	15	9
3	Fixed Capital	53047	9951	35602	19567	1483	2	1521	368078	24254	5154	119949	28386	34983
4	Physical Working Capital	39352	5079	6683	18147	746	0	1212	9900	27001	5774	29825	4562	21325
5	Working Capital	-112761	3661	-10378	45024	703	0	4088	61736	23688	4165	41589	340	8490
6	Invested Capital	92399	15030	42285	37714	2229	2	2733	377978	51255	10928	149774	32948	56308
7	Gross Value of Additions to Fixed Capital	9453	2723	287	1291	242	0	20	6040	3619	259	19133	1808	427
8	Rent Paid	99	0	0	0	0	0	0	0	0	0	0	129	0
9	Outstanding Loan	13064	1256	24474	487	286	0	0	2428	10410	6231	16489	9247	4219
10	Interest Paid	5196	268	4158	393	64	0	173	1627	1305	860	1287	1304	2136
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	623	7	246	750	0	0	8	21	220	36	980	79	91
13	Gross Value of P&M	46094	14404	37259	21390	525	0	3732	409593	23973	1693	100541	11370	29891
14	Value of Products & By-products	212944	38411	32553	63888	4001	0	2842	271994	101557	13656	359869	60821	65932
15	Other Output	17236	4682	3590	3876	282	0	2541	6157	9043	1934	45068	3350	392
16	Total Output	230180	43093	36143	67764	4283	0	5383	278151	110600	15590	404937	64171	66324
17	Fuels Consumed	9806	2610	4148	2177	30	0	196	2745	6886	591	15085	2622	10982
18	Material Consumed for Manufacturing	144048	21955	20136	31589	3136	0	1505	218909	64312	6502	254746	45267	43383
19	Other Input	23119	6433	4012	5929	335	1	850	16594	14850	3446	34750	5618	3055
20	Total Input	176973	30998	28296	39695	3501	1	2551	238248	86048	10539	304581	53507	57420
21	Gross Value Added (GVA)	53207	12095	7847	28069	782	-1	2832	39903	24552	5051	100356	10664	8904
22	Depreciation	4309	1233	1915	2618	90	0	257	20914	3769	342	6136	1845	1745
23	Net Value Added (NVA)	48898	10862	5932	25451	692	-1	2575	18989	20783	4709	94220	8819	7159
24	Net Fixed Capital Formation	3240	4631	-1876	-1629	97	0	-237	-17723	-2003	-9	1604	97	-1734
25	Gross Fixed Capital Formation	7549	5864	39	989	187	0	20	3191	1766	333	7740	1942	11
26.1	Addition in Stock of-Materials, Fuels etc.	6047	-313	-375	702	-134	0	-230	-21347	3975	359	4220	-360	-1772
26.2	Addition in Stock of - Semi Finished Goods	797	-20	-96	354	89	0	0	96	-484	69	783	18	-452
26.3	Addition in Stock of - Finished Goods	484	-49	-2108	624	-61	0	0	-837	-5498	-227	-1377	-602	-545
26.4	Addition in Stock of - Total	7328	-382	-2579	1680	-106	0	-230	-22088	-2007	201	3626	-944	-2769
27	Gross Capital Formation	14877	5482	-2540	2669	81	0	-210	-18897	-241	534	11366	998	-2758
28	Net Income	43603	10594	1774	25058	628	-1	2402	17362	19478	3849	92933	7387	5023
29	Profit	20073	7304	-5209	14489	322	-1	63	11938	8290	-1041	48787	1309	767

Table T.21: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Non Government Company – Public**Type of Organization: Non-Government Company - Public****(Values in ₹ lakh unless otherwise mentioned)**

Sl.No.	Characteristic	25	26	27	28	31	32	38	58	Others	Total
1	No. of Factories (Nos.)	2	5	5	4	2	2	1	19	43	292
2	Factories in Operation (Nos.)	2	5	5	4	2	2	1	18	43	280
3	Fixed Capital	8396	4600	1517	808	74	49	2916	33018	30818	784173
4	Physical Working Capital	6121	4573	7839	286	166	131	645	5841	2541	197749
5	Working Capital	5395	4812	11093	107	-8	80231	968	-2426	3606	174123
6	Invested Capital	14517	9173	9356	1094	240	180	3561	38859	33359	981922
7	Gross Value of Additions to Fixed Capital	2891	997	643	15	0	0	1766	2511	613	54738
8	Rent Paid	0	5	1	0	0	0	0	0	126	360
9	Outstanding Loan	1521	476	170	868	0	0	723	5279	13678	111306
10	Interest Paid	115	71	18	6	50	13680	4	2774	1645	37134
11	Rent Received	0	63	0	0	0	0	0	0	0	63
12	Interest Received	6	208	125	1	6	0	88	420	110	4025
13	Gross Value of P&M	13435	8897	2609	153	400	31	317	56073	100457	882837
14	Value of Products & By-products	23446	15600	22074	495	360	200450	1283	25840	5729	1523745
15	Other Output	552	1995	862	108	32	21234	1178	20390	22533	167035
16	Total Output	23998	17595	22936	603	392	221684	2461	46230	28262	1690780
17	Fuels Consumed	911	306	252	85	25	3	77	1121	474	61132
18	Material Consumed for Manufacturing	19099	9567	14454	243	183	198059	18	13634	1122	1111867
19	Other Input	1042	1614	1618	91	196	50	1886	6277	12805	144571
20	Total Input	21052	11487	16324	419	404	198112	1981	21032	14401	1317570
21	Gross Value Added (GVA)	2946	6108	6612	184	-12	23572	480	25198	13861	373210
22	Depreciation	3088	517	223	48	7	7	104	6701	1892	57760
23	Net Value Added (NVA)	-142	5591	6389	136	-19	23565	376	18497	11969	315450
24	Net Fixed Capital Formation	-196	237	416	-34	-7	-7	1657	-4261	-1371	-19108
25	Gross Fixed Capital Formation	2892	754	639	14	0	0	1761	2440	521	38652
26.1	Addition in Stock of - Materials, Fuels etc.	-169	732	70	0	-5	-19294	44	3	725	-27122
26.2	Addition in Stock of - Semi Finished Goods	791	-35	560	0	-45	0	0	0	0	2425
26.3	Addition in Stock of - Finished Goods	26	-159	-59	-107	-29	0	0	0	-44	-10568
26.4	Addition in Stock of - Total	648	538	571	-107	-79	-19294	44	3	681	-35265
27	Gross Capital Formation	3540	1292	1210	-93	-79	-19294	1805	2443	1202	3387
28	Net Income	-257	5515	6370	130	-69	9885	372	15723	10198	277957
29	Profit	-2813	1740	2959	-247	-303	9761	74	1649	3880	123791

Table T.22: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Non Government Company – Private

Type of Organization: Non-Government Company - Private		(Values in ₹ lakh unless otherwise mentioned)												
Sl.No.	Characteristic	10	11	13	14	15	16	17	18	19	20	21	22	23
1	No. of Factories (Nos.)	385	24	43	14	70	69	28	70	7	52	76	199	115
2	Factories in Operation (Nos.)	361	21	38	10	70	49	28	67	7	52	64	199	107
3	Fixed Capital	272781	11244	25547	2386	18441	15201	3975	99192	2688	38799	27913	104725	109893
4	Physical Working Capital	231907	4545	21351	3484	20392	11208	1768	7605	1442	59239	20823	61414	30858
5	Working Capital	188680	7165	30185	1437	95	8186	3190	56346	604	155232	29367	73622	31090
6	Invested Capital	504688	15789	46898	5870	38833	26409	5743	106797	4130	98038	48736	166139	140751
7	Gross Value of Additions to Fixed Capital	41154	259	3451	531	2624	2128	993	2935	168	11636	4889	16266	21800
8	Rent Paid	684	0	13	0	0	1	35	3	0	0	0	125	444
9	Outstanding Loan	149630	5616	11134	2408	5485	17760	2247	26542	1421	16372	10167	57846	39290
10	Interest Paid	20076	744	1467	552	1039	1589	277	4339	308	2155	1154	7502	3437
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0	35
12	Interest Received	2727	254	856	2	52	89	105	2187	12	1703	450	1031	956
13	Gross Value of P&M	157289	12813	36161	912	17202	16566	5840	92055	2050	44500	14876	79028	68383
14	Value of Products & By-products	1146084	45937	107261	10086	140663	32895	15319	65014	9055	294128	75187	455377	241014
15	Other Output	246089	882	13605	3808	3469	2539	300	48176	840	15143	6691	83319	10549
16	Total Output	1392173	46819	120866	13894	144132	35434	15619	113190	9895	309271	81878	538696	251563
17	Fuels Consumed	29501	354	3125	413	1963	1699	1601	2171	241	4048	2759	13959	11694
18	Material Consumed for Manufacturing	942840	36957	69845	4003	69285	21498	10511	31400	7644	140056	58267	354426	114510
19	Other Input	231529	4870	21419	4402	37787	3444	1191	21640	846	29128	15784	90601	53712
20	Total Input	1203870	42181	94389	8818	109035	26641	13303	55211	8731	173232	76810	458986	179916
21	Gross Value Added (GVA)	188303	4638	26477	5076	35097	8793	2316	57979	1164	136039	5068	79710	71647
22	Depreciation	22633	830	2467	269	3048	1688	447	15142	227	5237	2295	9793	16513
23	Net Value Added (NVA)	165670	3808	24010	4807	32049	7105	1869	42837	937	130802	2773	69917	55134
24	Net Fixed Capital Formation	12878	-720	632	200	-1245	214	537	-12322	-125	4048	2889	4674	5556
25	Gross Fixed Capital Formation	35511	110	3099	469	1803	1902	984	2820	102	9285	5184	14467	22069
26.1	Addition in Stock of - Materials, Fuels etc.	22452	489	2790	-983	2238	519	37	-3626	78	9818	2943	7119	6556
26.2	Addition in Stock of - Semi Finished Goods	3717	46	475	19	1214	-148	-59	32	-269	3495	3226	28	-135
26.3	Addition in Stock of - Finished Goods	17019	-463	1546	103	-234	35	-175	71	135	-4264	578	419	-2475
26.4	Addition in Stock of - Total	43188	72	4811	-861	3218	406	-197	-3523	-56	9049	6747	7566	3946
27	Gross Capital Formation	78699	182	7910	-392	5021	2308	787	-703	46	18334	11931	22033	26015
28	Net Income	144910	3064	22530	4255	31010	5515	1557	38495	629	128646	1619	62289	51253
29	Profit	57773	411	10937	765	20003	2781	-1381	3844	-85	110824	11107	30227	27421

Table T.22 Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Non Government Company – Private

Type of Organization: Non-Government Company - Private

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	24	25	26	27	28	29	30	31	32	33	58	Others	Total
1	No. of Factories (Nos.)	52	65	21	32	24	4	8	36	41	24	4	485	1948
2	Factories in Operation (Nos.)	52	61	21	32	22	4	8	35	41	24	4	453	1830
3	Fixed Capital	44332	20782	30115	11784	6457	799	3437	4821	12692	28244	182	120515	1016945
4	Physical Working Capital	35020	14640	53194	16281	8291	753	2915	3715	8376	18112	37	28862	666232
5	Working Capital	1528	5479	53298	19026	10538	-367	1149	4860	4076	18166	1373	55077	759402
6	Invested Capital	79352	35422	83309	28065	14748	1552	6352	8536	21068	46356	219	149377	1683177
7	Gross Value of Additions to Fixed Capital	6449	2290	5969	5273	1009	82	164	475	2821	5087	6	3072	141531
8	Rent Paid	30	89	152	554	23	1	0	0	5	0	8	572	2739
9	Outstanding Loan	19354	15227	1565	11546	4193	632	2375	4012	7328	6696	1892	49527	470265
10	Interest Paid	2399	2433	1768	1408	576	101	317	573	1290	1562	16	3801	60883
11	Rent Received	0	0	429	0	0	0	0	0	0	0	0	0	464
12	Interest Received	392	255	86	325	165	17	72	13	235	245	26	285	12540
13	Gross Value of P&M	37683	16287	53645	21187	5632	542	3699	4143	12664	1194	175	22473	726999
14	Value of Products & By-products (₹ lakhs)	275640	138318	220811	56094	26769	1332	6272	16804	30417	79876	2021	62267	3554641
15	Other Output	32701	5474	13369	13639	2218	395	948	1685	4552	1474	389	172567	684821
16	Total Output	308341	143792	234180	69733	28987	1727	7220	18489	34969	81350	2410	234834	4239462
17	Fuels Consumed	19360	2113	2189	2422	403	44	150	725	669	1140	28	4486	107257
18	Material Consumed for Manufacturing(₹ lakhs)	232320	118628	154704	35626	15076	1002	3202	11286	12699	22049	538	59037	2527409
19	Other Input	34413	7800	28575	14264	4457	361	985	1872	6221	37691	587	98821	752400
20	Total Input	286093	128541	185468	52312	19936	1407	4337	13883	19589	60880	1153	162344	3387066
21	Gross Value Added (GVA)	22248	15251	48712	17421	9051	320	2883	4606	15380	20470	1257	72490	852396
22	Depreciation	3021	2267	3834	2574	871	114	362	451	1981	2304	15	10073	108456
23	Net Value Added (NVA)	19227	12984	44878	14847	8180	206	2521	4155	13399	18166	1242	62417	743940
24	Net Fixed Capital Formation	2231	421	1003	2703	202	-41	-197	-549	-78	2557	-10	-8223	17235
25	Gross Fixed Capital Formation(₹ lakhs)	5252	2688	4837	5277	1073	73	165	-98	1903	4861	5	1850	125691
26.1	Addition in Stock of – Materials, Fuels etc.	-1314	-1231	-534	3431	-1378	-48	-34	-409	-571	1280	-10	-4085	45527
26.2	Addition in Stock of - Semi Finished Goods	1	-172	575	-908	272	16	444	82	343	452	0	-62	12684
26.3	Addition in Stock of - Finished Goods	-917	237	472	201	-145	19	28	-279	139	2211	0	300	14561
26.4	Addition in Stock of - Total	-2230	-1166	513	2724	-1251	-13	438	-606	-89	3943	-10	-3847	72772
27	Gross Capital Formation	3022	1522	5350	8001	-178	60	603	-704	1814	8804	-5	-1997	198463
28	Net Income	16802	10462	42958	12884	7581	104	2204	3582	12104	16604	1218	58045	680320
29	Profit	7427	2880	17335	3421	1949	-385	479	-26	1221	10314	704	20606	318338

Table T.23: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Co-operative Society

Type of Organization: Co-operative Society		(Values in ₹ lakh unless otherwise mentioned)										
Sl.No.	Characteristic	10	12	13	14	15	16	17	18	19	20	21
1	No. of Factories (Nos.)	67	128	168	6	2	5	1	29	1	1	4
2	Factories in Operation (Nos.)	67	123	168	6	2	5	1	29	1	1	4
3	Fixed Capital	43581	1087	26912	242	98	1476	18	3851	250	0	2991
4	Physical Working Capital	20147	8	9157	45	33	0	10	1708	7	0	899
5	Working Capital	14198	-694	-3389	-15	48	64	41	29183	-88	0	6371
6	Invested Capital	63728	1095	36069	287	131	1476	28	5559	257	0	3890
7	Gross Value of Additions to Fixed Capital	4349	1	3004	25	0	0	0	41	0	0	535
8	Rent Paid	0	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	18145	0	63423	0	0	191	7	1240	0	0	1705
10	Interest Paid	3448	0	3712	0	1	18	0	135	0	0	0
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	590	1	90	5	0	0	0	270	0	0	281
13	Gross Value of P&M	32637	0	8893	66	0	0	0	6269	0	0	68
14	Value of Products & By-products	435442	96	21226	20	248	111	40	1941	0	12	3390
15	Other Output	42759	4202	2529	166	0	21	0	17142	301	0	357
16	Total Output	478201	4298	23755	186	248	132	40	19083	301	12	3747
17	Fuels Consumed	4795	4	2104	10	23	6	0	146	19	1	81
18	Material Consumed for Manufacturing	377814	28	11936	16	116	7	19	1213	0	17	1249
19	Other Input	49018	85	2326	19	13	7	2	10772	133	4	545
20	Total Input	431627	117	16366	45	152	20	21	12131	152	22	1875
21	Gross Value Added (GVA)	46574	4181	7389	141	96	112	19	6952	149	-10	1872
22	Depreciation	4447	51	1978	18	10	22	1	602	8	0	42
23	Net Value Added (NVA)	42127	4130	5411	123	86	90	18	6350	141	-10	1830
24	Net Fixed Capital Formation	-703	-50	764	6	-10	-22	-1	-560	-8	0	473
25	Gross Fixed Capital Formation	3744	1	2742	24	0	0	0	42	0	0	515
26.1	Addition in Stock of - Materials, Fuels etc.	4222	-2	112	6	6	0	-1	-130	5	-1	124
26.2	Addition in Stock of - Semi Finished Goods	210	0	253	0	3	0	8	-46	0	0	27
26.3	Addition in Stock of - Finished Goods	1219	0	918	0	6	0	0	-79	0	0	-19
26.4	Addition in Stock of - Total	5651	-2	1283	6	15	0	7	-255	5	-1	132
27	Gross Capital Formation	9395	-1	4025	30	15	0	7	-213	5	-1	647
28	Net Income	38679	4130	1699	123	85	72	18	6215	141	-10	1830
29	Profit	13453	-136	-7080	-108	-38	2	-2	3484	49	-16	932

Table T.23: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Co-operative Society

Type of Organization: Co-operative Society		(Values in ₹ lakh unless otherwise mentioned)									
Sl.No.	Characteristic	22	23	27	28	30	31	32	38	Others	Total
1	No. of Factories (Nos.)	12	15	3	2	1	2	1	1	1	450
2	Factories in Operation (Nos.)	12	15	3	2	1	2	1	1	1	445
3	Fixed Capital	3573	422	10	119	34	21	2	2303	2	86992
4	Physical Working Capital	441	1369	94	113	94	66	16	0	0	34207
5	Working Capital	969	28	-152	-355	-18	3	17	1548	14	47773
6	Invested Capital	4014	1791	104	232	128	87	18	2303	2	121199
7	Gross Value of Additions to Fixed Capital	5	0	0	0	0	0	0	1003	0	8963
8	Rent Paid	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	97	432	31	0	18	0	0	0	0	85289
10	Interest Paid	7	270	1	37	0	0	0	0	0	7629
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	2	8	0	0	0	0	0	37	0	1284
13	Gross Value of P&M	0	111	5	45	0	0	0	0	0	48094
14	Value of Products & By-products	3815	1649	493	330	209	38	5	10	0	469075
15	Other Output	681	1997	258	0	3	5	0	4439	10	74870
16	Total Output	4496	3646	751	330	212	43	5	4449	10	543945
17	Fuels Consumed	465	197	3	4	1	0	0	12	0	7871
18	Material Consumed for Manufacturing	2742	1181	624	272	126	20	3	1	0	397384
19	Other Input	221	1199	48	123	13	12	1	3713	1	68255
20	Total Input	3428	2577	675	399	140	32	4	3726	1	473510
21	Gross Value Added (GVA)	1068	1069	76	-69	72	11	1	723	9	70435
22	Depreciation	269	53	2	13	10	0	0	280	0	7806
23	Net Value Added (NVA)	799	1016	74	-82	62	11	1	443	9	62629
24	Net Fixed Capital Formation	-263	-53	-2	-13	-9	0	0	723	0	272
25	Gross Fixed Capital Formation	6	0	0	0	1	0	0	1003	0	8078
26.1	Addition in Stock of - Materials, Fuels etc.	-3	-42	22	-7	29	-1	0	0	0	4339
26.2	Addition in Stock of - Semi Finished Goods	4	-82	0	0	0	14	0	0	0	391
26.3	Addition in Stock of - Finished Goods	-51	17	11	-11	0	-4	0	0	0	2007
26.4	Addition in Stock of - Total	-50	-107	33	-18	29	9	0	0	0	6737
27	Gross Capital Formation	-44	-107	33	-18	30	9	0	1003	0	14815
28	Net Income	792	746	73	-119	62	11	1	443	9	55000
29	Profit	-103	145	-31	-217	-18	8	-2	391	1	10714

Table T.24: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Others

Type of Organization: Others (Including Joint family(HUF) Trusts Wakf Boards Handlooms KVIC etc.

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	10	11	13	14	15	16	17	18	19	20	21	22
1	No. of Factories (Nos.)	75	5	24	3	1	7	10	6	1	8	8	21
2	Factories in Operation (Nos.)	17	5	3	3	0	1	1	6	1	0	5	1
3	Fixed Capital	6358	259	2601	52	0	13	53	377	19	0	4785	2
4	Physical Working Capital	1345	99	6620	37	0	6	6	50	0	0	9265	0
5	Working Capital	3435	232	337	77	0	9	25	351	0	0	15698	0
6	Invested Capital	7703	358	9221	89	0	19	59	427	19	0	14050	2
7	Gross Value of Additions to Fixed Capital	706	0	160	18	0	10	0	5	0	0	884	0
8	Rent Paid	0	0	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	1588	543	20	0	0	0	0	207	0	0	693	0
10	Interest Paid	366	0	416	0	0	7	0	0	0	0	141	0
11	Rent Received	0	0	0	0	0	0	0	0	0	0	0	0
12	Interest Received	57	3	16	3	0	0	0	0	0	0	527	0
13	Gross Value of P&M	175	0	933	67	0	0	0	0	0	0	43	0
14	Value of Products & By-products	16135	584	2082	286	0	259	59	562	0	0	31743	0
15	Other Output	884	17	2531	7	0	0	0	500	0	0	4276	0
16	Total Output	17019	601	4613	293	0	259	59	1062	0	0	36019	0
17	Fuels Consumed	331	51	70	3	0	4	3	40	0	0	1197	0
18	Material Consumed for Manufacturing	13211	372	2792	149	0	186	33	269	0	0	15124	0
19	Other Input	1626	19	311	17	0	27	6	472	0	0	4299	0
20	Total Input	15168	442	3173	169	0	217	42	781	0	0	20620	0
21	Gross Value Added (GVA)	1851	159	1440	124	0	42	17	281	0	0	15399	0
22	Depreciation	527	34	155	9	0	1	9	52	2	0	358	0
23	Net Value Added (NVA)	1324	125	1285	115	0	41	8	229	-2	0	15041	0
24	Net Fixed Capital Formation	14	-34	5	8	0	9	-9	-48	-2	0	785	0
25	Gross Fixed Capital Formation	541	0	160	17	0	10	0	4	0	0	1143	0
26.1	Addition in Stock of - Materials, Fuels etc.	-223	-21	329	6	0	-1	1	9	0	0	-194	0
26.2	Addition in Stock of - Semi Finished Goods	19	0	-2	-1	0	0	0	0	0	0	479	0
26.3	Addition in Stock of - Finished Goods	-109	19	-851	2	0	-2	0	0	0	0	374	0
26.4	Addition in Stock of - Total	-313	-2	-524	7	0	-3	1	9	0	0	659	0
27	Gross Capital Formation	228	-2	-364	24	0	7	1	13	0	0	1802	0
28	Net Income	958	125	869	115	0	34	8	229	-2	0	14900	0
29	Profit	-511	-2	-747	10	0	0	-29	-403	-2	0	10220	0

Table T.24: Estimate of Selected Characteristics of factory sector by 2-digit NIC-2008 – Others

Type of Organization: Others(Including Joint family(HUF) Trusts Wakf Boards Handlooms KVIC etc.

(Values in ₹ lakh unless otherwise mentioned)

Sl.No.	Characteristic	23	24	25	26	27	31	32	58	Others	Total
1	No. of Factories (Nos.)	26	3	11	2	9	6	5	2	58	291
2	Factories in Operation (Nos.)	1	2	0	0	8	3	0	1	4	62
3	Fixed Capital	4218	4	0	0	44	46	0	227	98	19156
4	Physical Working Capital	232	4	0	0	289	21	0	65	3	18042
5	Working Capital	-576	-16	0	0	3	-72	0	196	17	19716
6	Invested Capital	4450	8	0	0	333	67	0	292	101	37198
7	Gross Value of Additions to Fixed Capital	0	0	0	0	8	32	0	0	1	1824
8	Rent Paid	0	0	0	0	0	0	0	0	0	0
9	Outstanding Loan	0	0	0	0	28	19	0	0	0	3098
10	Interest Paid	1	0	0	0	0	1	0	0	0	932
11	Rent Received	0	0	0	0	0	0	0	0	0	0
12	Interest Received	1	0	0	0	0	0	0	0	5	612
13	Gross Value of P&M	41	0	0	0	1	0	0	0	154	1414
14	Value of Products & By-products	350	13	0	0	1485	93	0	1073	0	54724
15	Other Output	0	26	0	0	0	143	0	295	339	9018
16	Total Output	350	39	0	0	1485	236	0	1368	339	63742
17	Fuels Consumed	50	3	0	0	7	2	0	17	78	1856
18	Material Consumed for Manufacturing	69	5	0	0	1185	35	0	395	13	33838
19	Other Input	21	23	0	0	78	138	0	151	48	7236
20	Total Input	140	31	0	0	1270	175	0	563	139	42930
21	Gross Value Added (GVA)	210	8	0	0	215	61	0	805	200	20812
22	Depreciation	4	1	0	0	4	7	0	36	19	1218
23	Net Value Added (NVA)	206	7	0	0	211	54	0	769	181	19594
24	Net Fixed Capital Formation	-4	-1	0	0	5	24	0	-36	-18	698
25	Gross Fixed Capital Formation	0	0	0	0	9	31	0	0	1	1916
26.1	Addition in Stock of - Materials, Fuels etc.	-20	-2	0	0	131	-6	0	10	0	19
26.2	Addition in Stock of - Semi Finished Goods	10	0	0	0	-4	0	0	0	0	501
26.3	Addition in Stock of - Finished Goods	-13	0	0	0	-27	0	0	0	0	-607
26.4	Addition in Stock of - Total	-23	-2	0	0	100	-6	0	10	0	-87
27	Gross Capital Formation	-23	-2	0	0	109	25	0	10	1	1829
28	Net Income	205	7	0	0	211	53	0	769	181	18662
29	Profit	-86	-20	0	0	21	-27	0	287	-107	8604

Table T.25: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector of Kerala

Sl.No.	Characteristic	Total
1	A . Average no. of Persons Engaged	310958
2	1 . Workers	246944
3	1.1 Directly Employed	199533
4	1.1.1 Men	115339
5	1.1.2 Women	84194
6	1.2 Employed through Contractors	47411
7	2 Employees other than Workers	61911
8	2.1 Supervisory & Managerial Staff	29607
9	2.2 Other Employees	32304
10	3 Unpaid Family Members / Proprietor etc.	2103
11	B . Total Man-days Employed (in '000)	86266
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1024577
13	1 . Wages & Salaries including Bonus	884296
14	1.1 Wages & Salaries	845401
15	1.1.1 Workers	493757
16	1.1.2 Supervisory & Managerial Staff	240695
17	1.1.3 Other Employees	110898
18	1.2 Bonus to All Staff	38895
19	2 . Employers' Contribution	140281

Table T.26: District wise Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector of Kerala

Sl.No.	Characteristic	Kasaragod	Kannur	Wayanad	Kozhikode	Malappuram	Palakkad	Thrissur	Ernakulam
1	A . Average no. of Persons Engaged	10355	15455	3402	14186	9143	20733	30436	83614
2	1 . Workers	9492	13239	2691	10240	6686	16266	24908	64266
3	1.1 Directly Employed	3378	11898	2302	9156	6183	11089	20163	44731
4	1.1.1 Men	776	5897	1624	7135	4636	8789	13272	31828
5	1.1.2 Women	2602	6001	678	2021	1547	2300	6891	12903
6	1.2 Employed through Contractors	6114	1341	389	1084	503	5177	4745	19535
7	2 Employees other than Workers	697	2095	691	3821	2353	4299	5277	19053
8	2.1 Supervisory & Managerial Staff	305	1026	345	1281	930	2206	2461	11059
9	2.2 Other Employees	392	1069	346	2540	1423	2093	2816	7994
10	3 Unpaid Family Members / Proprietor etc.	166	121	20	125	104	168	251	295
11	B . Total Man-days Employed (in '000)	1987	3963	1143	3938	2551	5871	8676	24785
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	9451	32805	11312	44132	24594	62871	87315	398205
13	1 . Wages & Salaries including Bonus	8587	29262	9394	38084	21523	54471	74906	336255
14	1.1 Wages & Salaries	7889	28219	9232	36671	20885	52158	71110	324593
15	1.1.1 Workers	6294	20831	5964	18318	13133	31873	49872	174960
16	1.1.2 Supervisory & Managerial Staff	869	4641	2496	10052	4263	15827	13069	114054
17	1.1.3 Other Employees	721	2741	768	8297	3494	4461	8157	35569
18	1.2 Bonus to All Staff	698	1043	162	1413	638	2313	3796	11662
19	2 . Employers' Contribution	864	3543	1918	6048	3071	8400	12409	61950

Table T.26: District wise Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector of Kerala

Sl.No.	Characteristic	Idukki	Kottayam	Alappuzha	Pathanamthitta	Kollam	Thiruvananthapuram	Total
1	A . Average no. of Persons Engaged	7538	18665	28549	7245	43684	17953	310958
2	1 . Workers	5035	11573	23956	5808	39074	13710	246944
3	1.1 Directly Employed	4947	10501	20794	5646	38383	10362	199533
4	1.1.1 Men	3414	7821	10801	4318	8575	6453	115339
5	1.1.2 Women	1533	2680	9993	1328	29808	3909	84194
6	1.2 Employed through Contractors	88	1072	3162	162	691	3348	47411
7	2 Employees other than Workers	2474	6971	4404	1368	4230	4178	61911
8	2.1 Supervisory & Managerial Staff	954	2656	1794	711	1959	1920	29607
9	2.2 Other Employees	1520	4315	2610	657	2271	2258	32304
10	3 Unpaid Family Members / Proprietor etc.	29	121	189	69	380	65	2103
11	B . Total Man-days Employed (in '000)	2200	5618	7756	1976	10926	4876	86266
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	26864	85310	61469	19794	86770	73685	1024577
13	1 . Wages & Salaries including Bonus	23378	76886	54370	17750	75616	63814	884296
14	1.1 Wages & Salaries	22009	74283	51559	16660	68735	61398	845401
15	1.1.1 Workers	8382	33873	35389	10031	53383	31454	493757
16	1.1.2 Supervisory & Managerial Staff	9287	21535	9372	4064	10964	20202	240695
17	1.1.3 Other Employees	4339	18873	6789	2571	4382	9736	110898
18	1.2 Bonus to All Staff	1369	2603	2811	1090	6881	2416	38895
19	2 . Employers' Contribution	3486	8424	7099	2044	11154	9871	140281

Table T.27: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008)

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18
1	A . Average no. of Persons Engaged	93779	3138	10967	19248	7868	5954	10393	2389	6326
2	1 . Workers	78670	2543	10533	16611	7160	4803	8106	1914	3625
3	1.1 Directly Employed	70455	1407	4284	14450	7085	4770	7621	1728	2758
4	1.1.1 Men	21955	774	150	8222	1954	3836	5965	1013	2279
5	1.1.2 Women	48500	633	4134	6228	5131	934	1656	715	479
6	1.2 Employed through Contractors	8215	1136	6249	2161	75	33	485	186	867
7	2 Employees other than Workers	14676	569	271	2526	695	1076	1934	431	2678
8	2.1 Supervisory & Managerial Staff	6103	356	85	1142	337	387	1277	230	790
9	2.2 Other Employees	8573	213	186	1384	358	689	657	201	1888
10	3 Unpaid Family Members / Proprietor etc.	433	26	163	111	13	75	353	44	23
11	B . Total Man-days Employed (in '000)	25696	768	2096	5185	2139	1608	2495	656	1989
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	217989	7782	8158	43685	16232	14250	16458	5413	42556
13	1 . Wages & Salaries including Bonus	190623	6821	7287	36896	13674	12654	15081	4814	38042
14	1.1 Wages & Salaries	178544	6573	6628	34571	12938	11847	14740	4627	36887
15	1.1.1 Workers	114539	4202	6289	25959	9400	7711	9565	2853	12265
16	1.1.2 Supervisory & Managerial Staff	42021	1833	144	5809	2428	1514	4068	1466	11534
17	1.1.3 Other Employees	21975	532	193	2798	1111	2627	1096	309	13091
18	1.2 Bonus to All Staff	12079	248	659	2325	736	807	341	187	1155
19	2 . Employers' Contribution	27366	961	871	6789	2558	1596	1377	599	4514

Table T.27: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008)

Sl.No.	Characteristic	19	20	21	22	23	24	25	26	27
1	A . Average no. of Persons Engaged	6892	12840	9083	27091	20080	5228	6004	7372	5776
2	1 . Workers	5715	8966	6181	21095	15667	3878	4549	5431	4221
3	1.1 Directly Employed	1409	6844	5369	16773	11884	2234	3754	3130	3717
4	1.1.1 Men	1382	6028	2802	13763	10341	2030	3042	1838	2608
5	1.1.2 Women	27	816	2567	3010	1543	204	712	1292	1109
6	1.2 Employed through Contractors	4306	2122	812	4322	3783	1644	795	2301	504
7	2 Employees other than Workers	1174	3823	2882	5865	4077	1330	1381	1939	1536
8	2.1 Supervisory & Managerial Staff	906	1906	934	3580	2055	700	798	1337	934
9	2.2 Other Employees	268	1917	1948	2285	2022	630	583	602	602
10	3 Unpaid Family Members / Proprietor etc.	3	51	20	131	336	20	74	2	19
11	B . Total Man-days Employed (in '000)	2398	4079	2710	7915	5403	1494	1700	2226	1651
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	73752	102854	31097	107718	64712	17769	16673	38854	27399
13	1 . Wages & Salaries including Bonus	55872	86736	27264	93359	57688	15444	14877	33236	22839
14	1.1 Wages & Salaries	55268	84788	26246	89400	55618	14951	14265	31799	22195
15	1.1.1 Workers	28448	41945	13239	60236	34953	7583	9081	14991	12273
16	1.1.2 Supervisory & Managerial Staff	23220	32163	7285	22828	14723	6070	3833	14145	8059
17	1.1.3 Other Employees	3598	10680	5721	6334	5933	1302	1345	2663	1863
18	1.2 Bonus to All Staff	604	1948	1018	3959	2070	493	612	1437	644
19	2 . Employers' Contribution	17880	16118	3833	14359	7024	2325	1796	5618	4560

Table T.27: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008)

Sl.No.	Characteristic	28	29	30	31	32	33	38	58	Others	Total
1	A . Average no. of Persons Engaged	3798	351	7733	3196	6072	1354	85	2625	25316	310958
2	1 . Workers	2798	261	6960	2476	4212	1095	29	659	18786	246944
3	1.1 Directly Employed	2481	254	1708	2298	3751	771	8	655	17935	199533
4	1.1.1 Men	2273	223	1629	1926	2015	639	8	643	16001	115339
5	1.1.2 Women	208	31	79	372	1736	132	0	12	1934	84194
6	1.2 Employed through Contractors	317	7	5252	178	461	324	21	4	851	47411
7	2 Employees other than Workers	967	85	763	660	1843	253	54	1966	6457	61911
8	2.1 Supervisory & Managerial Staff	373	41	510	272	728	135	9	333	3349	29607
9	2.2 Other Employees	594	44	253	388	1115	118	45	1633	3108	32304
10	3 Unpaid Family Members / Proprietor etc.	33	5	10	60	17	6	2	0	73	2103
11	B . Total Man-days Employed (in '000)	1033	85	2147	851	1656	392	23	923	6948	86266
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	17162	784	42468	6610	15949	9642	357	15069	63185	1024577
13	1 . Wages & Salaries including Bonus	14509	680	37981	5961	14527	7772	326	12678	56655	884296
14	1.1 Wages & Salaries	14030	672	34945	5824	14035	7158	317	12537	53998	845401
15	1.1.1 Workers	7527	427	19981	3921	6432	3833	71	2983	33050	493757
16	1.1.2 Supervisory & Managerial Staff	3086	153	9338	1046	3657	2332	120	3730	14090	240695
17	1.1.3 Other Employees	3409	92	5625	858	3945	994	126	5822	6856	110898
18	1.2 Bonus to All Staff	479	8	3036	137	492	614	9	141	2657	38895
19	2 . Employers' Contribution	2653	104	4487	649	1422	1870	31	2391	6530	140281

Table T.28: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 3-digit Industry group (NIC 2008)

Sl.No.	Characteristic	101	102	103	104	105	106	107	108	110	120	131
1	A . Average no. of Persons Engaged	198	10486	1057	3037	5788	8468	62444	2301	3138	10967	10143
2	1 . Workers	155	8270	743	2400	4263	6855	54060	1924	2543	10533	8834
3	1.1 Directly Employed	155	7198	743	1771	3071	6424	50255	838	1407	4284	8077
4	1.1.1 Men	107	2000	155	1191	1798	4028	11872	804	774	150	4009
5	1.1.2 Women	48	5198	588	580	1273	2396	38383	34	633	4134	4068
6	1.2 Employed through Contractors	0	1072	0	629	1192	431	3805	1086	1136	6249	757
7	2 Employees other than Workers	43	2165	290	628	1513	1581	8080	376	569	271	1259
8	2.1 Supervisory & Managerial Staff	19	825	116	216	577	647	3531	172	356	85	652
9	2.2 Other Employees	24	1340	174	412	936	934	4549	204	213	186	607
10	3 Unpaid Family Members / Proprietor etc.	0	51	24	9	12	32	304	1	26	163	50
11	B . Total Man-days Employed (in '000)	59	2892	297	876	1911	2587	16381	693	768	2096	2735
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	648	24298	2239	8641	22586	21096	128690	9791	7782	8158	25201
13	1 . Wages & Salaries including Bonus	563	20875	2026	7623	19599	19182	112712	8043	6821	7287	20896
14	1.1 Wages & Salaries	562	20014	1834	6901	19223	18458	104042	7510	6573	6628	19979
15	1.1.1 Workers	376	11978	837	4481	11738	12061	67746	5322	4202	6289	15375
16	1.1.2 Supervisory & Managerial Staff	129	4233	734	1458	4738	3945	25411	1373	1833	144	3287
17	1.1.3 Other Employees	57	3801	259	964	2743	2453	10883	815	532	193	1316
18	1.2 Bonus to All Staff	1	861	192	722	376	724	8670	533	248	659	917
19	2 . Employers' Contribution	85	3423	213	1018	2987	1914	15978	1748	961	871	4305

Table T.28: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 3-digit Industry group (NIC 2008)

Sl.No.	Characteristic	139	141	143	151	152	161	162	170	181	191	192
1	A . Average no. of Persons Engaged	9105	7589	279	50	5904	1777	8616	2389	6326	316	6576
2	1 . Workers	7777	6957	203	33	4770	1428	6678	1914	3625	203	5512
3	1.1 Directly Employed	6373	6882	203	32	4738	1335	6286	1728	2758	49	1360
4	1.1.1 Men	4213	1933	21	17	3819	837	5128	1013	2279	48	1334
5	1.1.2 Women	2160	4949	182	15	919	498	1158	715	479	1	26
6	1.2 Employed through Contractors	1404	75	0	1	32	93	392	186	867	154	4152
7	2 Employees other than Workers	1267	621	74	17	1059	224	1710	431	2678	111	1063
8	2.1 Supervisory & Managerial Staff	490	314	23	13	374	132	1145	230	790	104	802
9	2.2 Other Employees	777	307	51	4	685	92	565	201	1888	7	261
10	3 Unpaid Family Members / Proprietor etc.	61	11	2	0	75	125	228	44	23	2	1
11	B . Total Man-days Employed (in '000)	2450	2077	62	14	1594	398	2097	656	1989	86	2312
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	18484	15639	593	103	14147	2270	14188	5413	42556	1123	72629
13	1 . Wages & Salaries including Bonus	16000	13116	558	82	12572	2079	13002	4814	38042	988	54884
14	1.1 Wages & Salaries	14592	12410	528	74	11773	1979	12761	4627	36887	959	54309
15	1.1.1 Workers	10584	9207	193	42	7669	1588	7977	2853	12265	435	28013
16	1.1.2 Supervisory & Managerial Staff	2522	2204	224	26	1488	264	3804	1466	11534	512	22708
17	1.1.3 Other Employees	1482	1000	111	6	2621	127	969	309	13091	12	3586
18	1.2 Bonus to All Staff	1408	706	30	8	799	100	241	187	1155	29	575
19	2 . Employers' Contribution	2484	2523	35	21	1575	191	1186	599	4514	135	17745

Table T.28: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 3-digit Industry group (NIC 2008)

Sl.No.	Characteristic	201	202	203	210	221	222	231	239	241	242	243
1	A . Average no. of Persons Engaged	6959	5880	1	9083	15817	11274	709	19371	2289	912	2027
2	1 . Workers	5284	3682	0	6181	12429	8666	536	15131	1729	644	1505
3	1.1 Directly Employed	4319	2525	0	5369	9602	7171	493	11391	825	367	1042
4	1.1.1 Men	4222	1806	0	2802	8164	5599	464	9877	805	320	905
5	1.1.2 Women	97	719	0	2567	1438	1572	29	1514	20	47	137
6	1.2 Employed through Contractors	965	1157	0	812	2827	1495	43	3740	904	277	463
7	2 Employees other than Workers	1663	2160	0	2882	3323	2542	172	3905	548	265	517
8	2.1 Supervisory & Managerial Staff	1052	854	0	934	2102	1478	95	1960	229	139	332
9	2.2 Other Employees	611	1306	0	1948	1221	1064	77	1945	319	126	185
10	3 Unpaid Family Members / Proprietor etc.	12	38	1	20	65	66	1	335	12	3	5
11	B . Total Man-days Employed (in '000)	2357	1722	0	2710	4635	3280	210	5193	649	251	594
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	72458	30396	0	31097	72014	35704	1698	63014	5347	4765	7657
13	1 . Wages & Salaries including Bonus	59663	27073	0	27264	61808	31551	1544	56144	4826	3989	6629
14	1.1 Wages & Salaries	58634	26154	0	26246	59312	30088	1499	54119	4660	3949	6342
15	1.1.1 Workers	33454	8491	0	13239	43375	16861	987	33966	2738	2046	2799
16	1.1.2 Supervisory & Managerial Staff	19512	12651	0	7285	12394	10434	353	14370	1482	1446	3142
17	1.1.3 Other Employees	5666	5014	0	5721	3546	2788	157	5776	439	457	406
18	1.2 Bonus to All Staff	1029	919	0	1018	2496	1463	45	2025	166	40	287
19	2 . Employers' Contribution	12795	3323	0	3833	10206	4153	154	6870	521	776	1028

Table T.28: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 3-digit Industry group (NIC 2008)

Sl.No.	Characteristic	251	252	259	261	262	263	264	265	266	267	271
1	A . Average no. of Persons Engaged	3027	15	2962	5505	389	533	88	345	340	172	4323
2	1 . Workers	2216	10	2323	4208	299	288	43	235	221	137	3126
3	1.1 Directly Employed	1478	6	2270	2239	171	187	43	235	118	137	2746
4	1.1.1 Men	1243	6	1793	1289	114	91	25	127	85	107	1960
5	1.1.2 Women	235	0	477	950	57	96	18	108	33	30	786
6	1.2 Employed through Contractors	738	4	53	1969	128	101	0	0	103	0	380
7	2 Employees other than Workers	799	5	577	1295	90	245	45	110	119	35	1192
8	2.1 Supervisory & Managerial Staff	480	1	317	966	27	192	13	32	83	24	761
9	2.2 Other Employees	319	4	260	329	63	53	32	78	36	11	431
10	3 Unpaid Family Members / Proprietor etc.	12	0	62	2	0	0	0	0	0	0	5
11	B . Total Man-days Employed (in '000)	899	4	797	1718	101	142	22	101	91	51	1254
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	9279	21	7373	27578	1280	5877	579	1138	1526	876	22287
13	1 . Wages & Salaries including Bonus	8390	20	6467	24050	1000	4593	531	932	1390	740	18318
14	1.1 Wages & Salaries	8169	20	6076	22825	983	4505	529	906	1349	702	17788
15	1.1.1 Workers	5181	12	3888	11494	691	1132	175	486	577	436	9530
16	1.1.2 Supervisory & Managerial Staff	2224	1	1608	9688	139	3181	59	215	668	195	6783
17	1.1.3 Other Employees	760	7	578	1641	153	193	295	206	103	72	1473
18	1.2 Bonus to All Staff	221	0	391	1225	17	88	2	26	41	38	530
19	2 . Employers' Contribution	889	1	906	3528	280	1284	48	206	136	136	3969

Table T.28: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 3-digit Industry group (NIC 2008)

Sl.No.	Characteristic	272	273	274	275	279	281	282	291	292	293	301
1	A . Average no. of Persons Engaged	285	669	116	60	323	1431	2367	11	175	165	6724
2	1 . Workers	203	500	62	51	279	988	1810	9	119	133	6109
3	1.1 Directly Employed	203	494	62	46	166	674	1807	9	112	133	1142
4	1.1.1 Men	119	388	37	31	73	542	1731	9	109	105	1090
5	1.1.2 Women	84	106	25	15	93	132	76	0	3	28	52
6	1.2 Employed through Contractors	0	6	0	5	113	314	3	0	7	0	4967
7	2 Employees other than Workers	75	166	53	9	41	432	535	1	54	30	605
8	2.1 Supervisory & Managerial Staff	43	88	17	4	21	125	248	0	27	14	401
9	2.2 Other Employees	32	78	36	5	20	307	287	1	27	16	204
10	3 Unpaid Family Members / Proprietor etc.	7	3	1	0	3	11	22	1	2	2	10
11	B . Total Man-days Employed (in '000)	71	194	27	17	88	394	639	2	39	44	1857
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	546	3281	257	126	902	6479	10683	11	354	419	37811
13	1 . Wages & Salaries including Bonus	489	2911	219	115	787	5726	8783	11	308	361	33989
14	1.1 Wages & Salaries	458	2857	205	113	774	5541	8489	10	307	355	31133
15	1.1.1 Workers	269	1669	75	92	638	2439	5088	9	167	251	17476
16	1.1.2 Supervisory & Managerial Staff	132	948	92	15	89	865	2221	0	89	64	8264
17	1.1.3 Other Employees	54	243	38	7	48	2232	1177	1	51	40	5392
18	1.2 Bonus to All Staff	31	54	14	2	13	185	294	1	1	6	2856
19	2 . Employers' Contribution	57	370	38	11	115	753	1900	0	46	58	3822

Table T.28: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 3-digit Industry group (NIC 2008)

Sl.No.	Characteristic	303	309	310	321	322	323	324	325	329	331
1	A . Average no. of Persons Engaged	907	102	3196	1243	15	56	165	3925	668	802
2	1 . Workers	782	69	2476	970	12	48	145	2495	542	671
3	1.1 Directly Employed	497	69	2298	673	12	48	145	2345	528	463
4	1.1.1 Men	483	56	1926	574	2	32	0	1030	377	447
5	1.1.2 Women	14	13	372	99	10	16	145	1315	151	16
6	1.2 Employed through Contractors	285	0	178	297	0	0	0	150	14	208
7	2 Employees other than Workers	125	33	660	267	3	8	20	1425	120	129
8	2.1 Supervisory & Managerial Staff	99	10	272	68	3	4	14	604	35	39
9	2.2 Other Employees	26	23	388	199	0	4	6	821	85	90
10	3 Unpaid Family Members / Proprietor etc.	0	0	60	6	0	0	0	5	6	2
11	B . Total Man-days Employed (in '000)	262	28	851	306	4	14	39	1131	162	217
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	4273	384	6610	1851	29	176	244	12730	919	3394
13	1 . Wages & Salaries including Bonus	3635	357	5961	1777	27	150	217	11489	867	3159
14	1.1 Wages & Salaries	3455	357	5824	1720	24	142	199	11109	841	3117
15	1.1.1 Workers	2317	188	3921	1132	16	109	159	4355	661	2377
16	1.1.2 Supervisory & Managerial Staff	949	125	1046	263	8	16	33	3259	78	243
17	1.1.3 Other Employees	189	44	858	324	0	17	7	3494	103	497
18	1.2 Bonus to All Staff	180	0	137	57	3	8	18	380	26	42
19	2 . Employers' Contribution	638	27	649	74	2	26	27	1241	52	235

Table T.28: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 3-digit Industry group (NIC 2008)

Sl.No.	Characteristic	332	381	382	383	581	Others	Total
1	A . Average no. of Persons Engaged	552	54	24	7	2625	25316	310958
2	1 . Workers	424	21	2	6	659	18786	246944
3	1.1 Directly Employed	308	0	2	6	655	17935	199533
4	1.1.1 Men	192	0	2	6	643	16001	115339
5	1.1.2 Women	116	0	0	0	12	1934	84194
6	1.2 Employed through Contractors	116	21	0	0	4	851	47411
7	2 Employees other than Workers	124	33	21	0	1966	6457	61911
8	2.1 Supervisory & Managerial Staff	96	7	2	0	333	3349	29607
9	2.2 Other Employees	28	26	19	0	1633	3108	32304
10	3 Unpaid Family Members / Proprietor etc.	4	0	1	1	0	73	2103
11	B . Total Man-days Employed (in '000)	175	16	6	1	923	6948	86266
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	6248	298	53	6	15069	63185	1024577
13	1 . Wages & Salaries including Bonus	4613	271	49	6	12678	56655	884296
14	1.1 Wages & Salaries	4041	262	49	6	12537	53998	845401
15	1.1.1 Workers	1456	63	2	6	2983	33050	493757
16	1.1.2 Supervisory & Managerial Staff	2089	106	14	0	3730	14090	240695
17	1.1.3 Other Employees	497	93	33	0	5822	6856	110898
18	1.2 Bonus to All Staff	572	9	0	0	141	2657	38895
19	2 . Employers' Contribution	1635	27	4	0	2391	6530	140281

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	1010	1020	1030	1040	1050	1061	1062	1071	1074	1075	1079	1080	1101
1	A . Average no. of Persons Engaged	198	10486	1057	3037	5788	8211	257	6731	210	818	54685	2301	1802
2	1 . Workers	155	8270	743	2400	4263	6626	229	5590	196	595	47679	1924	1422
3	1.1 Directly Employed	155	7198	743	1771	3071	6195	229	3328	70	582	46275	838	496
4	1.1.1 Men	107	2000	155	1191	1798	3988	40	1911	49	459	9453	804	139
5	1.1.2 Women	48	5198	588	580	1273	2207	189	1417	21	123	36822	34	357
6	1.2 Employed through Contractors	0	1072	0	629	1192	431	0	2262	126	13	1404	1086	926
7	2 Employees other than Workers	43	2165	290	628	1513	1555	26	1111	14	201	6754	376	379
8	2.1 Supervisory & Managerial Staff	19	825	116	216	577	633	14	410	7	101	3013	172	210
9	2.2 Other Employees	24	1340	174	412	936	922	12	701	7	100	3741	204	169
10	3 Unpaid Family Members / Proprietor etc.	0	51	24	9	12	30	2	30	0	22	252	1	1
11	B . Total Man-days Employed (in '000)	59	2892	297	876	1911	2510	77	2072	52	197	14060	693	452
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	648	24298	2239	8641	22586	20630	466	15529	263	1181	111717	9791	4388
13	1 . Wages & Salaries including Bonus	563	20875	2026	7623	19599	18788	394	13423	250	1019	98020	8043	3729
14	1.1 Wages & Salaries	562	20014	1834	6901	19223	18097	361	12861	240	1010	89931	7510	3597
15	1.1.1 Workers	376	11978	837	4481	11738	11807	254	8267	216	562	58701	5322	2162
16	1.1.2 Supervisory & Managerial Staff	129	4233	734	1458	4738	3862	83	2595	14	315	22487	1373	995
17	1.1.3 Other Employees	57	3801	259	964	2743	2429	24	1997	10	133	8743	815	435
18	1.2 Bonus to All Staff	1	861	192	722	376	691	33	562	10	9	8089	533	132
19	2 . Employers' Contribution	85	3423	213	1018	2987	1842	72	2106	13	162	13697	1748	659

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	1103	1104	1200	1311	1312	1313	1391	1392	1393	1394	1399
1	A . Average no. of Persons Engaged	558	778	10967	7141	2524	478	82	345	8081	549	48
2	1 . Workers	498	623	10533	6314	2148	372	56	290	6914	482	35
3	1.1 Directly Employed	321	590	4284	5656	2148	273	56	290	5517	482	28
4	1.1.1 Men	221	414	150	3000	810	199	8	71	4008	112	14
5	1.1.2 Women	100	176	4134	2656	1338	74	48	219	1509	370	14
6	1.2 Employed through Contractors	177	33	6249	658	0	99	0	0	1397	0	7
7	2 Employees other than Workers	59	131	271	815	339	105	26	50	1118	60	13
8	2.1 Supervisory & Managerial Staff	38	108	85	383	230	39	12	15	420	34	9
9	2.2 Other Employees	21	23	186	432	109	66	14	35	698	26	4
10	3 Unpaid Family Members / Proprietor etc.	1	24	163	12	37	1	0	5	49	7	0
11	B . Total Man-days Employed (in '000)	123	193	2096	1962	619	154	21	91	2193	131	14
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1761	1633	8158	18636	5192	1373	382	620	16747	644	91
13	1 . Wages & Salaries including Bonus	1601	1491	7287	15321	4460	1115	342	497	14478	592	91
14	1.1 Wages & Salaries	1543	1433	6628	14703	4220	1056	329	422	13200	550	91
15	1.1.1 Workers	976	1064	6289	11756	2893	726	75	293	9721	428	67
16	1.1.2 Supervisory & Managerial Staff	500	338	144	2054	1037	196	206	70	2153	73	20
17	1.1.3 Other Employees	67	30	193	894	289	133	48	60	1324	46	4
18	1.2 Bonus to All Staff	58	58	659	618	240	59	13	75	1278	42	0
19	2 . Employers' Contribution	160	142	871	3315	732	258	40	123	2269	52	0

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	1410	1430	1511	1512	1520	1610	1621	1622	1623	1629	1701	1702
1	A . Average no. of Persons Engaged	7589	279	13	37	5904	1777	7443	72	64	1037	277	1794
2	1 . Workers	6957	203	8	25	4770	1428	5768	61	40	809	227	1461
3	1.1 Directly Employed	6882	203	8	24	4738	1335	5469	49	36	732	187	1337
4	1.1.1 Men	1933	21	8	9	3819	837	4536	34	32	526	187	727
5	1.1.2 Women	4949	182	0	15	919	498	933	15	4	206	0	610
6	1.2 Employed through Contractors	75	0	0	1	32	93	299	12	4	77	40	124
7	2 Employees other than Workers	621	74	5	12	1059	224	1461	11	23	215	45	306
8	2.1 Supervisory & Managerial Staff	314	23	3	10	374	132	955	10	23	157	28	174
9	2.2 Other Employees	307	51	2	2	685	92	506	1	0	58	17	132
10	3 Unpaid Family Members / Proprietor etc.	11	2	0	0	75	125	214	0	1	13	5	27
11	B . Total Man-days Employed (in '000)	2077	62	4	10	1594	398	1792	20	19	266	83	485
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	15639	593	56	47	14147	2270	11233	207	134	2614	930	3903
13	1 . Wages & Salaries including Bonus	13116	558	37	45	12572	2079	10263	200	123	2416	859	3440
14	1.1 Wages & Salaries	12410	528	32	42	11773	1979	10133	193	121	2314	812	3326
15	1.1.1 Workers	9207	193	15	27	7669	1588	6470	146	55	1306	501	2047
16	1.1.2 Supervisory & Managerial Staff	2204	224	13	13	1488	264	2824	44	66	870	274	1064
17	1.1.3 Other Employees	1000	111	4	2	2621	127	828	3	0	138	37	216
18	1.2 Bonus to All Staff	706	30	5	3	799	100	130	7	2	102	47	114
19	2 . Employers' Contribution	2523	35	19	2	1575	191	970	7	11	198	71	463

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	1709	1811	1812	1910	1920	2011	2012	2013	2021	2022	2023
1	A . Average no. of Persons Engaged	318	5977	349	316	6576	3932	2971	56	257	624	1916
2	1 . Workers	226	3302	323	203	5512	2782	2459	43	194	470	1263
3	1.1 Directly Employed	204	2480	278	49	1360	2558	1718	43	85	388	630
4	1.1.1 Men	99	2122	157	48	1334	2526	1653	43	75	324	244
5	1.1.2 Women	105	358	121	1	26	32	65	0	10	64	386
6	1.2 Employed through Contractors	22	822	45	154	4152	224	741	0	109	82	633
7	2 Employees other than Workers	80	2657	21	111	1063	1142	510	11	63	143	632
8	2.1 Supervisory & Managerial Staff	28	774	16	104	802	652	395	5	40	73	148
9	2.2 Other Employees	52	1883	5	7	261	490	115	6	23	70	484
10	3 Unpaid Family Members / Proprietor etc.	12	18	5	2	1	8	2	2	0	11	21
11	B . Total Man-days Employed (in '000)	88	1898	91	86	2312	1282	1063	12	70	166	550
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	580	41909	647	1123	72629	48259	24075	124	1580	1334	4707
13	1 . Wages & Salaries including Bonus	515	37433	609	988	54884	40158	19389	116	1388	1213	4128
14	1.1 Wages & Salaries	489	36300	587	959	54309	39319	19202	113	1367	1179	4017
15	1.1.1 Workers	305	11887	378	435	28013	20877	12507	70	663	741	1954
16	1.1.2 Supervisory & Managerial Staff	128	11331	203	512	22708	13308	6173	31	573	305	948
17	1.1.3 Other Employees	56	13085	6	12	3586	5133	521	12	131	133	1115
18	1.2 Bonus to All Staff	26	1133	22	29	575	839	187	3	21	34	111
19	2 . Employers' Contribution	65	4476	38	135	17745	8101	4686	8	192	121	579

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	2029	2030	2100	2211	2219	2220	2310	2391	2392	2393	2394
1	A . Average no. of Persons Engaged	3083	1	9083	4823	10994	11274	709	828	2769	928	1541
2	1 . Workers	1755	0	6181	4170	8259	8666	536	581	2283	755	1277
3	1.1 Directly Employed	1422	0	5369	3240	6362	7171	493	581	2175	516	617
4	1.1.1 Men	1163	0	2802	3209	4955	5599	464	581	1321	332	573
5	1.1.2 Women	259	0	2567	31	1407	1572	29	0	854	184	44
6	1.2 Employed through Contractors	333	0	812	930	1897	1495	43	0	108	239	660
7	2 Employees other than Workers	1322	0	2882	643	2680	2542	172	247	254	168	264
8	2.1 Supervisory & Managerial Staff	593	0	934	448	1654	1478	95	184	169	159	132
9	2.2 Other Employees	729	0	1948	195	1026	1064	77	63	85	9	132
10	3 Unpaid Family Members / Proprietor etc.	6	1	20	10	55	66	1	0	232	5	0
11	B . Total Man-days Employed (in '000)	936	0	2710	1469	3166	3280	210	252	640	272	521
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	22775	0	31097	39513	32501	35704	1698	5001	4572	3933	8729
13	1 . Wages & Salaries including Bonus	20344	0	27264	33654	28154	31551	1544	4048	4082	3228	7139
14	1.1 Wages & Salaries	19591	0	26246	32320	26992	30088	1499	3799	3835	3131	6716
15	1.1.1 Workers	5133	0	13239	26849	16526	16861	987	1634	3230	1692	4886
16	1.1.2 Supervisory & Managerial Staff	10825	0	7285	4348	8046	10434	353	2068	415	1407	1404
17	1.1.3 Other Employees	3635	0	5721	1123	2423	2788	157	96	187	32	426
18	1.2 Bonus to All Staff	753	0	1018	1334	1162	1463	45	249	247	97	423
19	2 . Employers' Contribution	2431	0	3833	5859	4347	4153	154	953	490	705	1590

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	2395	2396	2410	2420	2431	2432	2511	2512	2513	2520	2591	2592
1	A . Average no. of Persons Engaged	2065	11240	2289	912	1620	407	1890	1095	42	15	563	508
2	1 . Workers	1421	8814	1729	644	1204	301	1428	749	39	10	432	425
3	1.1 Directly Employed	934	6568	825	367	814	228	1020	419	39	6	410	425
4	1.1.1 Men	782	6288	805	320	801	104	867	337	39	6	398	276
5	1.1.2 Women	152	280	20	47	13	124	153	82	0	0	12	149
6	1.2 Employed through Contractors	487	2246	904	277	390	73	408	330	0	4	22	0
7	2 Employees other than Workers	611	2361	548	265	411	106	452	344	3	5	131	76
8	2.1 Supervisory & Managerial Staff	280	1036	229	139	276	56	306	171	3	1	100	44
9	2.2 Other Employees	331	1325	319	126	135	50	146	173	0	4	31	32
10	3 Unpaid Family Members / Proprietor etc.	33	65	12	3	5	0	10	2	0	0	0	7
11	B . Total Man-days Employed (in '000)	562	2946	649	251	472	122	561	326	12	4	145	142
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	5432	35347	5347	4765	6669	988	5915	3288	76	21	2151	1076
13	1 . Wages & Salaries including Bonus	5050	32597	4826	3989	5694	935	5331	2984	75	20	1830	971
14	1.1 Wages & Salaries	4937	31701	4660	3949	5418	924	5120	2974	75	20	1754	933
15	1.1.1 Workers	2495	20029	2738	2046	2240	559	3236	1880	65	12	987	733
16	1.1.2 Supervisory & Managerial Staff	1518	7558	1482	1446	2860	282	1352	862	10	1	703	124
17	1.1.3 Other Employees	920	4115	439	457	322	84	529	231	0	7	64	77
18	1.2 Bonus to All Staff	113	896	166	40	276	11	211	10	0	0	76	38
19	2 . Employers' Contribution	382	2750	521	776	975	53	584	304	1	1	321	105

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	2593	2599	2610	2620	2630	2640	2651	2660	2670	2710	2720	2732	2733
1	A . Average no. of Persons Engaged	562	1329	5505	389	533	88	345	340	172	4323	285	528	141
2	1 . Workers	449	1017	4208	299	288	43	235	221	137	3126	203	393	107
3	1.1 Directly Employed	449	986	2239	171	187	43	235	118	137	2746	203	387	107
4	1.1.1 Men	374	745	1289	114	91	25	127	85	107	1960	119	355	33
5	1.1.2 Women	75	241	950	57	96	18	108	33	30	786	84	32	74
6	1.2 Employed through Contractors	0	31	1969	128	101	0	0	103	0	380	0	6	0
7	2 Employees other than Workers	89	281	1295	90	245	45	110	119	35	1192	75	133	33
8	2.1 Supervisory & Managerial Staff	35	138	966	27	192	13	32	83	24	761	43	69	19
9	2.2 Other Employees	54	143	329	63	53	32	78	36	11	431	32	64	14
10	3 Unpaid Family Members / Proprietor etc.	24	31	2	0	0	0	0	0	0	5	7	2	1
11	B . Total Man-days Employed (in '000)	146	364	1718	101	142	22	101	91	51	1254	71	159	35
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	869	3277	27578	1280	5877	579	1138	1526	876	22287	546	3063	218
13	1 . Wages & Salaries including Bonus	789	2877	24050	1000	4593	531	932	1390	740	18318	489	2713	198
14	1.1 Wages & Salaries	709	2680	22825	983	4505	529	906	1349	702	17788	458	2664	193
15	1.1.1 Workers	578	1590	11494	691	1132	175	486	577	436	9530	269	1570	99
16	1.1.2 Supervisory & Managerial Staff	66	715	9688	139	3181	59	215	668	195	6783	132	873	75
17	1.1.3 Other Employees	66	371	1641	153	193	295	206	103	72	1473	54	221	22
18	1.2 Bonus to All Staff	80	197	1225	17	88	2	26	41	38	530	31	49	5
19	2 . Employers' Contribution	80	400	3528	280	1284	48	206	136	136	3969	57	350	20

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	2740	2750	2790	2812	2813	2814	2815	2816	2817	2819	2821	2822	2824	2825	2829
1	A . Average no. of Persons Engaged	116	60	323	320	412	22	22	112	6	537	821	188	20	678	660
2	1 . Workers	62	51	279	158	285	20	16	93	6	410	582	109	15	572	532
3	1.1 Directly Employed	62	46	166	71	145	4	16	93	6	339	582	109	15	572	529
4	1.1.1 Men	37	31	73	70	142	4	13	93	4	216	560	109	15	547	500
5	1.1.2 Women	25	15	93	1	3	0	3	0	2	123	22	0	0	25	29
6	1.2 Employed through Contractors	0	5	113	87	140	16	0	0	0	71	0	0	0	0	3
7	2 Employees other than Workers	53	9	41	162	127	0	5	19	0	119	237	64	5	103	126
8	2.1 Supervisory & Managerial Staff	17	4	21	8	63	0	3	8	0	43	61	45	2	60	80
9	2.2 Other Employees	36	5	20	154	64	0	2	11	0	76	176	19	3	43	46
10	3 Unpaid Family Members / Proprietor etc.	1	0	3	0	0	2	1	0	0	8	2	15	0	3	2
11	B . Total Man-days Employed (in '000)	27	17	88	96	109	6	6	34	1	142	221	51	6	178	183
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	257	126	902	2826	2040	28	60	328	8	1189	5592	1522	52	1312	2205
13	1 . Wages & Salaries including Bonus	219	115	787	2520	1680	27	59	314	7	1119	4536	1003	47	1225	1972
14	1.1 Wages & Salaries	205	113	774	2512	1565	27	54	306	7	1070	4352	1001	43	1206	1887
15	1.1.1 Workers	75	92	638	599	863	27	37	262	7	644	2914	374	25	796	979
16	1.1.2 Supervisory & Managerial Staff	92	15	89	118	424	0	9	27	0	287	676	531	12	201	801
17	1.1.3 Other Employees	38	7	48	1795	278	0	8	16	0	135	763	96	5	210	103
18	1.2 Bonus to All Staff	14	2	13	8	115	0	5	8	0	49	184	2	4	19	85
19	2 . Employers' Contribution	38	11	115	306	360	1	1	14	1	70	1056	519	5	87	233

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	2910	2920	2930	3011	3012	3030	3091	3100	3211	3212	3220	3230	3240
1	A . Average no. of Persons Engaged	11	175	165	6633	91	907	102	3196	1208	35	15	56	165
2	1 . Workers	9	119	133	6033	76	782	69	2476	947	23	12	48	145
3	1.1 Directly Employed	9	112	133	1066	76	497	69	2298	650	23	12	48	145
4	1.1.1 Men	9	109	105	1026	64	483	56	1926	560	14	2	32	0
5	1.1.2 Women	0	3	28	40	12	14	13	372	90	9	10	16	145
6	1.2 Employed through Contractors	0	7	0	4967	0	285	0	178	297	0	0	0	0
7	2 Employees other than Workers	1	54	30	591	14	125	33	660	255	12	3	8	20
8	2.1 Supervisory & Managerial Staff	0	27	14	395	6	99	10	272	65	3	3	4	14
9	2.2 Other Employees	1	27	16	196	8	26	23	388	190	9	0	4	6
10	3 Unpaid Family Members / Proprietor etc.	1	2	2	9	1	0	0	60	6	0	0	0	0
11	B . Total Man-days Employed (in '000)	2	39	44	1833	24	262	28	851	299	7	4	14	39
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	11	354	419	37553	258	4273	384	6610	1797	54	29	176	244
13	1 . Wages & Salaries including Bonus	11	308	361	33747	242	3635	357	5961	1724	53	27	150	217
14	1.1 Wages & Salaries	10	307	355	30900	233	3455	357	5824	1668	52	24	142	199
15	1.1.1 Workers	9	167	251	17316	160	2317	188	3921	1102	30	16	109	159
16	1.1.2 Supervisory & Managerial Staff	0	89	64	8223	41	949	125	1046	258	5	8	16	33
17	1.1.3 Other Employees	1	51	40	5360	32	189	44	858	307	17	0	17	7
18	1.2 Bonus to All Staff	1	1	6	2847	9	180	0	137	56	1	3	8	18
19	2 . Employers' Contribution	0	46	58	3806	16	638	27	649	73	1	2	26	27

Table T.29: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 4-digit Industry group (NIC 2008)

Sl.No.	Characteristic	3250	3290	3311	3312	3314	3315	3319	3320	3812	3821	3830	5811	5813	Others	Total
1	A . Average no. of Persons Engaged	3925	668	7	76	18	367	334	552	54	24	7	53	2572	25316	310958
2	1 . Workers	2495	542	4	62	1	283	321	424	21	2	6	9	650	18786	246944
3	1.1 Directly Employed	2345	528	2	62	1	204	194	308	0	2	6	9	646	17935	199533
4	1.1.1 Men	1030	377	2	62	0	204	179	192	0	2	6	9	634	16001	115339
5	1.1.2 Women	1315	151	0	0	1	0	15	116	0	0	0	0	12	1934	84194
6	1.2 Employed through Contractors	150	14	2	0	0	79	127	116	21	0	0	0	4	851	47411
7	2 Employees other than Workers	1425	120	3	12	17	84	13	124	33	21	0	44	1922	6457	61911
8	2.1 Supervisory & Managerial Staff	604	35	3	5	1	18	12	96	7	2	0	8	325	3349	29607
9	2.2 Other Employees	821	85	0	7	16	66	1	28	26	19	0	36	1597	3108	32304
10	3 Unpaid Family Members / Proprietor etc.	5	6	0	2	0	0	0	4	0	1	1	0	0	73	2103
11	B . Total Man-days Employed (in '000)	1131	162	2	19	4	90	102	175	16	6	1	16	907	6948	86266
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	12730	919	12	141	55	2267	919	6248	298	53	6	169	14900	63185	1024577
13	1 . Wages & Salaries including Bonus	11489	867	10	124	32	2133	860	4613	271	49	6	125	12553	56655	884296
14	1.1 Wages & Salaries	11109	841	10	122	32	2127	826	4041	262	49	6	121	12416	53998	845401
15	1.1.1 Workers	4355	661	6	100	1	1507	763	1456	63	2	6	20	2963	33050	493757
16	1.1.2 Supervisory & Managerial Staff	3259	78	4	13	0	164	62	2089	106	14	0	53	3677	14090	240695
17	1.1.3 Other Employees	3494	103	0	9	31	456	1	497	93	33	0	48	5774	6856	110898
18	1.2 Bonus to All Staff	380	26	0	2	0	6	34	572	9	0	0	4	137	2657	38895
19	2 . Employers' Contribution	1241	52	2	17	23	134	59	1635	27	4	0	44	2347	6530	140281

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

Kasaragod

Sl.No.	Characteristic	10	11	12	13	14	16	17	18	19	22	23	24	25	31	Others	Total
1	A . Average no. of Persons Engaged	332	77	8388	190	63	231	14	11	1	35	67	15	15	52	864	10355
2	1 . Workers	271	66	8095	168	59	159	9	6	0	20	44	0	11	24	560	9492
3	1.1 Directly Employed	247	19	2242	163	59	113	9	6	0	20	44	0	0	14	442	3378
4	1.1.1 Men	75	9	25	81	3	80	3	3	0	13	33	0	0	14	437	776
5	1.1.2 Women	172	10	2217	82	56	33	6	3	0	7	11	0	0	0	5	2602
6	1.2 Employed through Contractors	24	47	5853	5	0	46	0	0	0	0	0	0	11	10	118	6114
7	2 Employees other than Workers	58	11	150	21	4	62	5	4	0	15	20	15	4	24	304	697
8	2.1 Supervisory & Managerial Staff	26	7	40	6	2	37	3	1	0	9	6	6	2	7	153	305
9	2.2 Other Employees	32	4	110	15	2	25	2	3	0	6	14	9	2	17	151	392
10	3 Unpaid Family Members / Proprietor etc.	3	0	143	1	0	10	0	1	1	0	3	0	0	4	0	166
11	B . Total Man-days Employed (in '000)	89	23	1463	46	17	57	4	3	0	9	17	3	4	13	239	1987
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	811	143	5317	308	58	322	20	27	0	125	222	32	35	89	1942	9451
13	1 . Wages & Salaries including Bonus	651	129	4830	270	50	315	20	27	0	116	205	27	35	85	1827	8587
14	1.1 Wages & Salaries	604	128	4309	255	45	310	19	26	0	112	185	27	35	84	1750	7889
15	1.1.1 Workers	381	87	4130	193	38	166	10	16	0	40	90	0	26	44	1073	6294
16	1.1.2 Supervisory & Managerial Staff	120	30	66	41	4	92	6	3	0	56	57	15	6	13	360	869
17	1.1.3 Other Employees	102	10	112	21	3	51	3	6	0	15	38	12	3	28	317	721
18	1.2 Bonus to All Staff	47	1	521	15	5	5	1	1	0	4	20	0	0	1	77	698
19	2 . Employers' Contribution	160	14	487	38	8	7	0	0	0	9	17	5	0	4	115	864

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

KANNUR

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18	19	20	21
1	A . Average no. of Persons Engaged	1320	95	2214	2976	1460	130	1468	12	113	20	66	156
2	1 . Workers	1063	62	2167	2610	1343	92	1215	9	95	9	42	113
3	1.1 Directly Employed	888	62	1795	2597	1271	91	1071	9	90	9	42	113
4	1.1.1 Men	448	20	72	1169	25	33	661	3	61	9	38	48
5	1.1.2 Women	440	42	1723	1428	1246	58	410	6	29	0	4	65
6	1.2 Employed through Contractors	175	0	372	13	72	1	144	0	5	0	0	0
7	2 Employees other than Workers	255	32	37	346	117	38	221	1	18	11	24	43
8	2.1 Supervisory & Managerial Staff	108	12	28	163	33	16	176	1	11	1	11	10
9	2.2 Other Employees	147	20	9	183	84	22	45	0	7	10	13	33
10	3 Unpaid Family Members / Proprietor etc.	2	1	10	20	0	0	32	2	0	0	0	0
11	B . Total Man-days Employed (in '000)	381	26	540	711	380	36	357	2	34	6	15	43
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	3097	290	2310	5813	1893	372	2474	20	331	64	199	463
13	1 . Wages & Salaries including Bonus	2729	258	2056	5054	1636	323	2134	18	258	55	169	409
14	1.1 Wages & Salaries	2627	250	1944	4764	1510	316	2068	16	244	52	166	402
15	1.1.1 Workers	1769	82	1887	3855	1261	165	1593	13	181	26	66	169
16	1.1.2 Supervisory & Managerial Staff	417	117	48	621	96	61	398	3	43	2	63	113
17	1.1.3 Other Employees	444	51	9	286	153	89	77	0	21	23	36	120
18	1.2 Bonus to All Staff	102	8	112	290	126	7	66	2	14	3	3	7
19	2 . Employers' Contribution	368	32	254	759	257	49	340	2	73	9	30	54

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

KANNUR

Sl.No.	Characteristic	22	23	24	25	26	27	28	30	31	32	Others	Total
1	A . Average no. of Persons Engaged	301	2101	2	82	475	10	106	65	749	156	1378	15455
2	1 . Workers	244	1794	0	55	425	8	83	54	630	95	1031	13239
3	1.1 Directly Employed	244	1357	0	49	372	8	83	7	630	95	1015	11898
4	1.1.1 Men	217	1242	0	41	227	5	75	7	481	31	984	5897
5	1.1.2 Women	27	115	0	8	145	3	8	0	149	64	31	6001
6	1.2 Employed through Contractors	0	437	0	6	53	0	0	47	0	0	16	1341
7	2 Employees other than Workers	51	284	0	24	50	0	21	11	109	61	341	2095
8	2.1 Supervisory & Managerial Staff	28	145	0	6	45	0	7	9	52	7	157	1026
9	2.2 Other Employees	23	139	0	18	5	0	14	2	57	54	184	1069
10	3 Unpaid Family Members / Proprietor etc.	6	23	2	3	0	2	2	0	10	0	6	121
11	B . Total Man-days Employed (in '000)	109	543	0	22	119	2	28	16	187	41	365	3963
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	924	5963	0	206	1895	9	319	145	2050	360	3608	32805
13	1 . Wages & Salaries including Bonus	811	5696	0	193	1676	9	285	135	1765	319	3274	29262
14	1.1 Wages & Salaries	756	5664	0	188	1676	9	283	133	1716	286	3149	28219
15	1.1.1 Workers	594	4121	0	79	1132	9	220	92	1212	156	2149	20831
16	1.1.2 Supervisory & Managerial Staff	117	1006	0	77	391	0	47	35	305	46	635	4641
17	1.1.3 Other Employees	45	538	0	31	152	0	15	6	199	84	362	2741
18	1.2 Bonus to All Staff	55	32	0	5	0	0	2	2	49	33	125	1043
19	2 . Employers' Contribution	113	267	0	13	219	0	34	10	285	41	334	3543

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

WAYANAD

Sl.No.	Characteristic	10	15	16	18	20	21	22	23	Others	Total
1	A . Average no. of Persons Engaged	2312	166	64	28	344	42	16	177	253	3402
2	1 . Workers	1825	135	53	24	298	21	8	146	181	2691
3	1.1 Directly Employed	1730	135	53	24	4	21	8	146	181	2302
4	1.1.1 Men	1128	135	35	13	2	7	6	135	163	1624
5	1.1.2 Women	602	0	18	11	2	14	2	11	18	678
6	1.2 Employed through Contractors	95	0	0	0	294	0	0	0	0	389
7	2 Employees other than Workers	482	31	7	2	45	19	8	25	72	691
8	2.1 Supervisory & Managerial Staff	256	14	4	1	21	5	5	9	30	345
9	2.2 Other Employees	226	17	3	1	24	14	3	16	42	346
10	3 Unpaid Family Members / Proprietor etc.	5	0	4	2	1	2	0	6	0	20
11	B . Total Man-days Employed (in '000)	836	50	13	7	104	12	5	46	70	1143
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	9345	416	63	40	625	61	41	290	431	11312
13	1 . Wages & Salaries including Bonus	7613	370	63	38	573	58	41	259	379	9394
14	1.1 Wages & Salaries	7515	347	62	37	552	56	41	255	367	9232
15	1.1.1 Workers	4800	255	45	34	357	23	13	201	236	5964
16	1.1.2 Supervisory & Managerial Staff	2186	58	13	1	125	8	23	19	63	2496
17	1.1.3 Other Employees	529	34	4	2	69	24	5	34	67	768
18	1.2 Bonus to All Staff	98	23	1	1	21	2	0	4	12	162
19	2 . Employers' Contribution	1732	46	0	2	52	3	0	31	52	1918

Table T 30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) in Kozhikode district

KOZHIKODE

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18	19	20	21	22
1	A . Average no. of Persons Engaged	1076	151	187	911	44	3228	157	242	163	33	491	156	378
2	1 . Workers	825	136	167	808	41	2768	127	217	125	28	129	116	315
3	1.1 Directly Employed	642	18	167	784	41	2768	127	217	125	16	121	116	315
4	1.1.1 Men	447	9	13	161	10	2337	89	40	121	16	57	33	202
5	1.1.2 Women	195	9	154	623	31	431	38	177	4	0	64	83	113
6	1.2 Employed through Contractors	183	118	0	24	0	0	0	0	0	12	8	0	0
7	2 Employees other than Workers	244	15	20	98	3	425	15	19	38	5	358	40	48
8	2.1 Supervisory & Managerial Staff	92	8	10	71	1	164	5	13	8	4	12	13	19
9	2.2 Other Employees	152	7	10	27	2	261	10	6	30	1	346	27	29
10	3 Unpaid Family Members / Proprietor etc.	7	0	0	5	0	35	15	6	0	0	4	0	15
11	B . Total Man-days Employed (in '000)	304	37	56	235	12	851	23	71	46	10	141	46	97
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	4118	296	267	1297	137	6648	86	341	289	87	1189	410	750
13	1 . Wages & Salaries including Bonus	3351	282	215	1118	107	5831	83	304	248	87	1110	392	627
14	1.1 Wages & Salaries	3238	264	190	1034	103	5504	80	304	226	87	1098	381	610
15	1.1.1 Workers	2103	217	160	856	61	4156	64	236	166	67	227	200	472
16	1.1.2 Supervisory & Managerial Staff	727	28	16	143	36	718	9	64	8	17	257	49	74
17	1.1.3 Other Employees	408	19	14	32	6	632	7	3	52	3	615	131	63
18	1.2 Bonus to All Staff	113	18	25	84	4	327	3	0	22	0	12	11	17
19	2 . Employers' Contribution	767	14	52	179	30	817	3	37	41	0	79	18	123

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

KOZHIKODE

Sl.No	Characteristic	23	24	25	26	27	28	30	31	32	33	38	58	Others	Total
1	A . Average no. of Persons Engaged	806	1169	107	44	68	73	44	88	28	27	7	1761	2747	14186
2	1 . Workers	671	901	87	34	45	58	42	54	9	12	6	553	1966	10240
3	1.1 Directly Employed	663	278	36	19	45	55	42	54	9	12	6	549	1931	9156
4	1.1.1 Men	650	277	6	15	29	44	42	44	8	12	6	537	1930	7135
5	1.1.2 Women	13	1	30	4	16	11	0	10	1	0	0	12	1	2021
6	1.2 Employed through Contractors	8	623	51	15	0	3	0	0	0	0	0	4	35	1084
7	2 Employees other than Workers	110	266	20	10	22	14	2	32	19	14	0	1208	776	3821
8	2.1 Supervisory & Managerial Staff	37	188	14	1	12	6	2	6	2	0	0	248	345	1281
9	2.2 Other Employees	73	78	6	9	10	8	0	26	17	14	0	960	431	2540
10	3 Unpaid Family Members / Proprietor etc.	25	2	0	0	1	1	0	2	0	1	1	0	5	125
11	B . Total Man-days Employed (in '000)	192	346	27	10	17	19	11	24	8	7	1	619	728	3938
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1935	5539	219	194	165	284	125	106	87	72	6	12942	6543	44132
13	1 . Wages & Salaries including Bonus	1751	4790	186	133	143	267	112	98	85	51	6	10786	5921	38084
14	1.1 Wages & Salaries	1705	4513	179	130	137	238	111	97	85	49	6	10649	5653	36671
15	1.1.1 Workers	1363	1562	118	94	76	128	91	43	21	19	6	2576	3236	18318
16	1.1.2 Supervisory & Managerial Staff	158	2767	51	5	39	98	20	10	16	0	0	3259	1483	10052
17	1.1.3 Other Employees	183	183	11	30	22	12	0	45	47	30	0	4813	936	8297
18	1.2 Bonus to All Staff	46	277	7	3	6	29	1	1	0	2	0	137	268	1413
19	2 . Employers' Contribution	184	749	33	61	22	17	13	8	2	21	0	2156	622	6048

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

MALAPPURAM

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18	19	20	21	22
1	A . Average no. of Persons Engaged	1591	14	15	545	1063	670	202	187	53	190	21	964	547
2	1 . Workers	1076	11	7	486	833	524	146	125	38	152	12	733	359
3	1.1 Directly Employed	993	11	7	479	830	492	146	125	38	20	12	733	231
4	1.1.1 Men	459	5	7	365	372	394	122	67	38	20	8	610	189
5	1.1.2 Women	534	6	0	114	458	98	24	58	0	0	4	123	42
6	1.2 Employed through Contractors	83	0	0	7	3	32	0	0	0	132	0	0	128
7	2 Employees other than Workers	503	2	0	58	226	135	39	51	15	38	6	227	184
8	2.1 Supervisory & Managerial Staff	153	2	0	31	166	65	7	22	5	11	2	84	90
9	2.2 Other Employees	350	0	0	27	60	70	32	29	10	27	4	143	94
10	3 Unpaid Family Members / Proprietor etc.	12	1	8	1	4	11	17	11	0	0	3	4	4
11	B . Total Man-days Employed (in '000)	462	3	2	157	290	183	48	37	19	57	5	307	151
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	4226	7	9	1642	1804	1424	278	272	373	1238	30	4021	1551
13	1 . Wages & Salaries including Bonus	3885	7	9	1356	1698	1242	270	228	334	1026	29	3383	1351
14	1.1 Wages & Salaries	3772	7	9	1295	1698	1194	269	215	326	1015	28	3256	1276
15	1.1.1 Workers	1681	5	9	1083	1151	826	184	111	186	725	18	2317	688
16	1.1.2 Supervisory & Managerial Staff	1282	2	0	146	412	233	24	74	34	243	3	456	340
17	1.1.3 Other Employees	810	0	0	66	138	138	61	29	107	47	7	483	247
18	1.2 Bonus to All Staff	113	0	0	61	0	48	1	13	8	11	1	127	75
19	2 . Employers' Contribution	341	0	0	286	106	182	8	44	39	212	1	638	200

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

MALAPPURAM

Sl.No.	Characteristic	23	25	26	27	29	30	31	32	58	Others	Total
1	A . Average no. of Persons Engaged	885	36	83	63	52	8	588	172	96	1098	9143
2	1 . Workers	668	26	46	40	41	6	448	131	33	745	6686
3	1.1 Directly Employed	612	26	46	32	41	4	448	97	33	727	6183
4	1.1.1 Men	586	18	33	20	24	4	448	92	33	722	4636
5	1.1.2 Women	26	8	13	12	17	0	0	5	0	5	1547
6	1.2 Employed through Contractors	56	0	0	8	0	2	0	34	0	18	503
7	2 Employees other than Workers	203	8	37	23	10	2	130	40	63	353	2353
8	2.1 Supervisory & Managerial Staff	60	7	21	14	7	1	42	8	3	129	930
9	2.2 Other Employees	143	1	16	9	3	1	88	32	60	224	1423
10	3 Unpaid Family Members / Proprietor etc.	14	2	0	0	1	0	10	1	0	0	104
11	B . Total Man-days Employed (in '000)	231	9	21	16	13	2	167	46	34	291	2551
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	2433	72	334	287	137	22	939	348	482	2665	24594
13	1 . Wages & Salaries including Bonus	2065	68	271	232	121	18	900	336	435	2259	21523
14	1.1 Wages & Salaries	2021	68	263	225	120	17	900	311	435	2165	20885
15	1.1.1 Workers	1491	49	115	99	81	12	623	193	133	1353	13133
16	1.1.2 Supervisory & Managerial Staff	250	17	95	92	33	3	100	60	23	341	4263
17	1.1.3 Other Employees	280	1	53	35	5	2	179	57	278	471	3494
18	1.2 Bonus to All Staff	44	0	8	7	1	1	0	25	0	94	638
19	2 . Employers' Contribution	368	4	63	55	16	4	39	12	47	406	3071

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

PALAKKAD

Sl.No.	Characteristic	10	11	13	14	16	17	18	19	20	21	22
1	A . Average no. of Persons Engaged	2214	1132	1567	136	767	226	120	224	425	906	3008
2	1 . Workers	1759	907	1333	108	620	194	99	186	304	728	2496
3	1.1 Directly Employed	1137	520	734	108	620	133	91	69	304	579	1860
4	1.1.1 Men	882	234	515	62	333	114	43	69	94	318	1701
5	1.1.2 Women	255	286	219	46	287	19	48	0	210	261	159
6	1.2 Employed through Contractors	622	387	599	0	0	61	8	117	0	149	636
7	2 Employees other than Workers	444	223	226	26	105	28	21	38	107	173	486
8	2.1 Supervisory & Managerial Staff	209	149	119	16	35	17	10	20	44	86	239
9	2.2 Other Employees	235	74	107	10	70	11	11	18	63	87	247
10	3 Unpaid Family Members / Proprietor etc.	11	2	8	2	42	4	0	0	14	5	26
11	B . Total Man-days Employed (in '000)	633	247	517	38	175	62	32	62	113	291	868
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	5271	2891	4768	223	892	531	376	788	720	3292	7513
13	1 . Wages & Salaries including Bonus	4724	2525	4143	218	820	456	351	767	573	2832	6633
14	1.1 Wages & Salaries	4621	2472	3835	213	784	434	348	751	552	2628	6409
15	1.1.1 Workers	3056	1490	2823	144	622	317	245	496	349	1688	4156
16	1.1.2 Supervisory & Managerial Staff	1049	834	715	53	61	98	77	175	116	668	1753
17	1.1.3 Other Employees	518	147	297	14	99	21	27	79	88	270	500
18	1.2 Bonus to All Staff	103	53	308	5	36	22	3	16	21	204	224
19	2 . Employers' Contribution	547	366	625	5	72	75	25	21	147	460	880

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

PALAKKAD

Sl.No.	Characteristic	23	24	25	26	27	28	29	31	32	38	Others	Total
1	A . Average no. of Persons Engaged	3984	1662	1077	511	194	529	25	321	634	24	1047	20733
2	1 . Workers	3189	1249	881	217	143	383	17	270	473	2	708	16266
3	1.1 Directly Employed	1949	372	767	129	133	243	10	270	473	2	586	11089
4	1.1.1 Men	1848	335	696	38	55	239	10	270	412	2	519	8789
5	1.1.2 Women	101	37	71	91	78	4	0	0	61	0	67	2300
6	1.2 Employed through Contractors	1240	877	114	88	10	140	7	0	0	0	122	5177
7	2 Employees other than Workers	790	408	172	294	47	144	8	45	159	21	334	4299
8	2.1 Supervisory & Managerial Staff	456	129	64	251	26	69	4	33	79	2	149	2206
9	2.2 Other Employees	334	279	108	43	21	75	4	12	80	19	185	2093
10	3 Unpaid Family Members / Proprietor etc.	5	5	24	0	4	2	0	6	2	1	5	168
11	B . Total Man-days Employed (in '000)	1211	448	291	137	48	137	7	92	172	6	284	5871
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	18849	3188	1934	3899	349	2280	67	616	1954	53	2417	62871
13	1 . Wages & Salaries including Bonus	16019	2779	1764	2966	312	1889	64	578	1785	49	2224	54471
14	1.1 Wages & Salaries	15139	2752	1648	2948	297	1772	63	563	1733	49	2147	52158
15	1.1.1 Workers	8983	1753	1301	715	172	1009	34	277	913	2	1328	31873
16	1.1.2 Supervisory & Managerial Staff	5417	603	196	2063	92	452	24	270	617	14	480	15827
17	1.1.3 Other Employees	738	398	151	171	33	310	5	17	204	33	341	4461
18	1.2 Bonus to All Staff	880	27	116	18	15	117	1	15	52	0	77	2313
19	2 . Employers' Contribution	2830	409	170	933	37	391	3	38	169	4	193	8400

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

THRISSUR

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18	19	20	21	22
1	A . Average no. of Persons Engaged	7130	603	163	1453	151	75	138	206	1167	9	323	2699	6168
2	1 . Workers	6187	496	97	1232	76	61	105	172	716	5	252	1836	5323
3	1.1 Directly Employed	4655	221	73	1232	76	61	105	167	336	5	171	1412	4418
4	1.1.1 Men	2890	112	33	487	15	35	76	115	270	4	84	704	3537
5	1.1.2 Women	1765	109	40	745	61	26	29	52	66	1	87	708	881
6	1.2 Employed through Contractors	1532	275	24	0	0	0	0	5	380	0	81	424	905
7	2 Employees other than Workers	930	99	64	219	73	12	23	29	445	4	68	858	820
8	2.1 Supervisory & Managerial Staff	452	58	7	77	11	5	17	15	65	3	44	312	570
9	2.2 Other Employees	478	41	57	142	62	7	6	14	380	1	24	546	250
10	3 Unpaid Family Members / Proprietor etc.	13	8	2	2	2	2	10	5	6	0	3	5	25
11	B . Total Man-days Employed (in '000)	2205	153	35	389	33	20	32	52	346	3	89	778	1837
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	20059	1548	255	4494	201	123	147	320	1787	34	850	7682	27513
13	1 . Wages & Salaries including Bonus	17580	1356	177	3083	170	97	142	280	1636	33	767	6499	23178
14	1.1 Wages & Salaries	16560	1295	176	3017	164	95	139	261	1606	33	733	6252	21757
15	1.1.1 Workers	11746	807	103	2252	96	74	94	216	860	8	376	3122	17987
16	1.1.2 Supervisory & Managerial Staff	3485	353	14	394	25	19	37	26	188	22	255	2010	2875
17	1.1.3 Other Employees	1332	133	58	371	44	2	8	20	559	2	101	1121	894
18	1.2 Bonus to All Staff	1020	61	1	66	6	2	3	19	30	0	34	247	1421
19	2 . Employers' Contribution	2479	192	78	1411	31	26	5	40	151	1	83	1183	4335

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

THRISSUR

Sl.No.	Characteristic	23	24	25	26	27	28	29	30	31	32	33	Others	Total
1	A . Average no. of Persons Engaged	2226	293	802	70	272	1204	122	1	172	1178	27	3784	30436
2	1 . Workers	1815	204	644	39	221	896	102	0	146	948	19	3316	24908
3	1.1 Directly Employed	1307	200	622	39	183	793	102	0	128	541	17	3299	20163
4	1.1.1 Men	544	172	449	0	93	754	91	0	58	423	16	2310	13272
5	1.1.2 Women	763	28	173	39	90	39	11	0	70	118	1	989	6891
6	1.2 Employed through Contractors	508	4	22	0	38	103	0	0	18	407	2	17	4745
7	2 Employees other than Workers	331	83	133	31	43	289	20	0	18	223	7	455	5277
8	2.1 Supervisory & Managerial Staff	193	51	107	15	21	80	7	0	12	54	3	282	2461
9	2.2 Other Employees	138	32	26	16	22	209	13	0	6	169	4	173	2816
10	3 Unpaid Family Members / Proprietor etc.	80	6	25	0	8	19	0	1	8	7	1	13	251
11	B . Total Man-days Employed (in '000)	545	82	219	19	68	326	27	0	47	310	6	1055	8676
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	3296	890	2429	199	485	4388	259	0	228	1987	31	8110	87315
13	1 . Wages & Salaries including Bonus	2980	839	2064	185	431	3990	223	0	217	1901	29	7049	74906
14	1.1 Wages & Salaries	2792	814	1997	176	404	3961	223	0	217	1844	29	6565	71110
15	1.1.1 Workers	2178	340	1334	57	271	1593	154	0	178	1290	20	4716	49872
16	1.1.2 Supervisory & Managerial Staff	433	418	563	89	88	350	31	0	32	263	5	1094	13069
17	1.1.3 Other Employees	175	56	100	29	43	2017	37	0	7	292	3	753	8157
18	1.2 Bonus to All Staff	188	25	67	9	27	29	0	0	0	57	0	484	3796
19	2 . Employers' Contribution	316	51	365	14	54	398	36	0	11	86	2	1061	12409

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

ERNAKULAM

Sl.No.	Characteristic	10	11	13	14	15	16	17	18	19	20	21	22	23
1	A . Average no. of Persons Engaged	16785	695	1196	4304	81	5888	890	1551	6235	7596	1086	5693	2335
2	1 . Workers	13034	581	905	4103	51	4521	703	1269	5194	5327	601	4105	1809
3	1.1 Directly Employed	9188	413	739	4103	51	4270	645	861	1149	3894	494	3604	1474
4	1.1.1 Men	5166	294	572	1407	51	3820	383	627	1123	3594	258	2851	1272
5	1.1.2 Women	4022	119	167	2696	0	450	262	234	26	300	236	753	202
6	1.2 Employed through Contractors	3846	168	166	0	0	251	58	408	4045	1433	107	501	335
7	2 Employees other than Workers	3704	109	290	199	30	1202	187	282	1039	2255	485	1569	526
8	2.1 Supervisory & Managerial Staff	1887	87	197	83	14	826	91	156	849	1346	187	864	309
9	2.2 Other Employees	1817	22	93	116	16	376	96	126	190	909	298	705	217
10	3 Unpaid Family Members / Proprietor etc.	47	5	1	2	0	165	0	0	2	14	0	19	0
11	B . Total Man-days Employed (in '000)	5062	184	319	1259	24	1447	256	461	2207	2466	318	1610	630
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	55401	1731	4817	11417	201	9992	2500	6466	69883	64884	5922	20930	6741
13	1 . Wages & Salaries including Bonus	48720	1545	3906	9351	161	9171	2209	5566	52403	54032	5181	18902	6178
14	1.1 Wages & Salaries	47396	1494	3751	8763	156	9029	2141	5423	51924	52853	5022	18280	6051
15	1.1.1 Workers	28002	1097	2181	6288	90	5348	1184	3226	26106	24815	1637	11681	3864
16	1.1.2 Supervisory & Managerial Staff	13657	325	1308	1748	43	3027	800	1331	22509	22918	2354	4655	1564
17	1.1.3 Other Employees	5728	70	260	726	23	650	157	867	3310	5122	1032	1945	622
18	1.2 Bonus to All Staff	1324	51	155	588	5	142	68	143	479	1179	159	622	127
19	2 . Employers' Contribution	6681	186	911	2066	40	821	291	900	17480	10852	741	2028	563

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

ERNAKULAM

Sl.No.	Characteristic	24	25	26	27	28	29	30	31	32	33	38	Others	Total
1	A . Average no. of Persons Engaged	1287	3170	4855	3692	1125	41	6527	654	3077	1007	54	3790	83614
2	1 . Workers	895	2318	3629	2641	760	24	5949	549	1888	847	21	2542	64266
3	1.1 Directly Employed	796	1765	1841	2336	753	24	1037	427	1888	604	0	2375	44731
4	1.1.1 Men	676	1450	1142	1713	731	24	997	334	627	473	0	2243	31828
5	1.1.2 Women	120	315	699	623	22	0	40	93	1261	131	0	132	12903
6	1.2 Employed through Contractors	99	553	1788	305	7	0	4912	122	0	243	21	167	19535
7	2 Employees other than Workers	389	848	1224	1050	361	16	572	93	1187	156	33	1247	19053
8	2.1 Supervisory & Managerial Staff	227	510	883	677	150	7	381	38	533	117	7	633	11059
9	2.2 Other Employees	162	338	341	373	211	9	191	55	654	39	26	614	7994
10	3 Unpaid Family Members / Proprietor etc.	3	4	2	1	4	1	6	12	2	4	0	1	295
11	B . Total Man-days Employed (in '000)	381	936	1567	1110	312	9	1807	175	871	300	16	1058	24785
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	5295	10057	24825	21798	7986	58	37315	1344	9883	7344	298	11117	398205
13	1 . Wages & Salaries including Bonus	4560	8970	21731	18264	6283	52	33522	1234	8885	5635	271	9523	336255
14	1.1 Wages & Salaries	4451	8590	20529	17775	6066	49	30677	1187	8601	5029	262	9094	324593
15	1.1.1 Workers	2344	5381	9880	9497	3394	29	17157	985	2971	2349	63	5391	174960
16	1.1.2 Supervisory & Managerial Staff	1649	2623	9154	6977	1779	14	8172	103	2530	2161	106	2547	114054
17	1.1.3 Other Employees	458	584	1496	1305	891	8	5347	98	3100	521	93	1156	35569
18	1.2 Bonus to All Staff	109	380	1202	489	217	3	2845	47	284	606	9	429	11662
19	2 . Employers' Contribution	735	1087	3094	3534	1703	6	3793	110	998	1709	27	1594	61950

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

IDUKKI

Sl.No.	Characteristic	10	11	15	16	18	20	21	22	23	27	31	Others	Total
1	A . Average no. of Persons Engaged	5580	25	62	145	6	37	313	229	155	190	151	645	7538
2	1 . Workers	3819	16	23	119	3	13	186	154	103	90	71	438	5035
3	1.1 Directly Employed	3798	16	23	119	3	12	186	154	103	27	71	435	4947
4	1.1.1 Men	2498	10	14	56	2	12	105	117	99	16	50	435	3414
5	1.1.2 Women	1300	6	9	63	1	0	81	37	4	11	21	0	1533
6	1.2 Employed through Contractors	21	0	0	0	0	1	0	0	0	63	0	3	88
7	2 Employees other than Workers	1756	9	39	21	3	22	127	72	44	100	80	201	2474
8	2.1 Supervisory & Managerial Staff	610	4	11	11	2	17	47	54	18	96	18	66	954
9	2.2 Other Employees	1146	5	28	10	1	5	80	18	26	4	62	135	1520
10	3 Unpaid Family Members / Proprietor etc.	5	0	0	5	0	2	0	3	8	0	0	6	29
11	B . Total Man-days Employed (in '000)	1646	7	19	31	1	8	93	69	39	57	45	185	2200
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	21194	54	139	132	15	113	1664	490	473	607	390	1593	26864
13	1 . Wages & Salaries including Bonus	18169	53	129	125	15	97	1532	460	417	511	329	1541	23378
14	1.1 Wages & Salaries	16996	53	125	125	14	94	1421	456	404	467	329	1525	22009
15	1.1.1 Workers	6166	31	66	98	7	21	642	262	250	157	107	575	8382
16	1.1.2 Supervisory & Managerial Staff	7819	10	28	14	6	62	413	150	83	304	63	335	9287
17	1.1.3 Other Employees	3011	12	31	12	1	11	367	44	70	7	159	614	4339
18	1.2 Bonus to All Staff	1173	0	4	0	1	3	111	4	13	44	0	16	1369
19	2 . Employers' Contribution	3025	1	10	7	0	16	132	30	56	96	61	52	3486

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

KOTTAYAM

Sl.No.	Characteristic	10	11	13	14	15	16	17	18	19	20	21	22
1	A . Average no. of Persons Engaged	2707	13	417	71	1492	450	184	2599	45	247	529	5673
2	1 . Workers	1871	9	353	53	1116	338	152	917	16	142	365	4082
3	1.1 Directly Employed	1734	0	353	53	1116	320	112	912	16	114	362	3486
4	1.1.1 Men	675	0	223	14	828	190	96	869	16	90	55	3054
5	1.1.2 Women	1059	0	130	39	288	130	16	43	0	24	307	432
6	1.2 Employed through Contractors	137	9	0	0	0	18	40	5	0	28	3	596
7	2 Employees other than Workers	796	4	64	16	351	104	30	1677	29	103	163	1571
8	2.1 Supervisory & Managerial Staff	250	2	29	11	88	91	20	433	13	34	84	936
9	2.2 Other Employees	546	2	35	5	263	13	10	1244	16	69	79	635
10	3 Unpaid Family Members / Proprietor etc.	40	0	0	2	25	8	2	5	0	2	1	20
11	B . Total Man-days Employed (in '000)	864	3	106	19	417	115	57	889	12	69	171	1686
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	7466	25	778	136	4885	670	658	30382	101	733	1401	27461
13	1 . Wages & Salaries including Bonus	6748	24	712	123	4462	630	611	27522	95	649	1319	24502
14	1.1 Wages & Salaries	6522	24	695	123	4074	617	586	26768	92	607	1286	23721
15	1.1.1 Workers	3718	11	435	77	2060	416	354	6588	21	311	543	15040
16	1.1.2 Supervisory & Managerial Staff	1299	8	216	34	341	184	207	8949	42	116	566	6987
17	1.1.3 Other Employees	1502	4	45	12	1674	17	26	11230	29	180	177	1694
18	1.2 Bonus to All Staff	226	0	17	0	388	13	25	754	3	42	33	781
19	2 . Employers' Contribution	718	1	66	13	423	40	47	2860	6	84	82	2959

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

KOTTAYAM

Sl.No.	Characteristic	23	24	25	27	28	29	31	32	58	Others	Total
1	A . Average no. of Persons Engaged	1094	101	60	124	127	94	150	68	768	1652	18665
2	1 . Workers	586	78	44	102	97	64	98	59	73	958	11573
3	1.1 Directly Employed	447	46	44	102	97	64	74	49	73	927	10501
4	1.1.1 Men	427	39	44	52	92	61	60	40	73	823	7821
5	1.1.2 Women	20	7	0	50	5	3	14	9	0	104	2680
6	1.2 Employed through Contractors	139	32	0	0	0	0	24	10	0	31	1072
7	2 Employees other than Workers	496	23	16	20	29	29	52	9	695	694	6971
8	2.1 Supervisory & Managerial Staff	180	9	7	7	15	15	25	4	82	321	2656
9	2.2 Other Employees	316	14	9	13	14	14	27	5	613	373	4315
10	3 Unpaid Family Members / Proprietor etc.	12	0	0	2	1	1	0	0	0	0	121
11	B . Total Man-days Employed (in '000)	301	29	18	31	36	25	44	19	270	437	5618
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	3421	277	200	209	326	244	354	280	1645	3658	85310
13	1 . Wages & Salaries including Bonus	2999	261	189	189	301	201	311	246	1457	3335	76886
14	1.1 Wages & Salaries	2927	258	186	187	277	199	302	242	1453	3137	74283
15	1.1.1 Workers	1306	162	77	158	191	115	194	147	274	1675	33873
16	1.1.2 Supervisory & Managerial Staff	905	60	76	16	51	48	57	57	448	868	21535
17	1.1.3 Other Employees	715	36	33	12	35	36	52	38	731	595	18873
18	1.2 Bonus to All Staff	72	3	3	2	24	2	9	4	4	198	2603
19	2 . Employers' Contribution	422	16	11	20	25	43	43	34	188	323	8424

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

ALAPPUZHA

Sl.No.	Characteristic	10	11	13	14	15	16	17	18	20	21	22	23
1	A . Average no. of Persons Engaged	12073	104	8834	78	34	255	325	6	497	1185	404	294
2	1 . Workers	10070	73	7707	74	21	201	261	4	435	1011	278	249
3	1.1 Directly Employed	9113	48	6409	74	21	193	239	4	175	903	278	171
4	1.1.1 Men	2825	28	4213	0	6	150	152	3	101	394	223	140
5	1.1.2 Women	6288	20	2196	74	15	43	87	1	74	509	55	31
6	1.2 Employed through Contractors	957	25	1298	0	0	8	22	0	260	108	0	78
7	2 Employees other than Workers	1951	30	1078	4	13	48	56	0	62	172	120	10
8	2.1 Supervisory & Managerial Staff	785	10	389	2	9	18	34	0	45	42	62	10
9	2.2 Other Employees	1166	20	689	2	4	30	22	0	17	130	58	0
10	3 Unpaid Family Members / Proprietor etc.	52	1	49	0	0	6	8	2	0	2	6	35
11	B . Total Man-days Employed (in '000)	3297	28	2402	15	5	44	89	0	146	344	107	66
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	27093	269	17355	79	28	294	487	4	1141	2839	1059	476
13	1 . Wages & Salaries including Bonus	24099	239	15243	63	26	280	452	4	1011	2586	905	474
14	1.1 Wages & Salaries	23013	232	13960	63	24	264	435	4	979	2520	875	466
15	1.1.1 Workers	14736	132	10634	58	10	157	315	4	634	1975	401	446
16	1.1.2 Supervisory & Managerial Staff	4806	48	2022	2	11	48	90	0	144	214	380	21
17	1.1.3 Other Employees	3466	52	1305	4	3	57	29	0	202	331	94	0
18	1.2 Bonus to All Staff	1086	7	1283	0	2	16	17	0	32	66	30	8
19	2 . Employers' Contribution	2994	30	2112	16	2	14	35	0	130	253	154	2

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

ALAPPUZHA

Sl.No.	Characteristic	24	25	26	27	28	29	30	31	32	33	Others	Total
1	A . Average no. of Persons Engaged	495	381	293	396	371	11	92	105	477	23	1816	28549
2	1 . Workers	377	308	205	322	299	9	76	69	386	20	1501	23956
3	1.1 Directly Employed	368	270	205	247	235	9	76	69	376	20	1291	20794
4	1.1.1 Men	361	197	105	161	227	9	64	59	327	20	1036	10801
5	1.1.2 Women	7	73	100	86	8	0	12	10	49	0	255	9993
6	1.2 Employed through Contractors	9	38	0	75	64	0	0	0	10	0	210	3162
7	2 Employees other than Workers	118	67	88	73	72	1	14	34	89	3	301	4404
8	2.1 Supervisory & Managerial Staff	74	42	23	23	25	0	6	19	17	1	158	1794
9	2.2 Other Employees	44	25	65	50	47	1	8	15	72	2	143	2610
10	3 Unpaid Family Members / Proprietor etc.	0	6	0	1	0	1	2	2	2	0	14	189
11	B . Total Man-days Employed (in '000)	143	106	87	104	106	2	24	19	126	6	490	7756
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1636	998	942	1157	1002	11	260	117	663	35	3524	61469
13	1 . Wages & Salaries including Bonus	1324	926	750	981	935	11	244	108	637	33	3039	54370
14	1.1 Wages & Salaries	1285	911	731	964	883	10	235	104	621	32	2948	51559
15	1.1.1 Workers	780	460	415	731	673	9	160	70	507	26	2056	35389
16	1.1.2 Supervisory & Managerial Staff	388	90	146	110	105	0	41	27	28	3	648	9372
17	1.1.3 Other Employees	117	361	171	121	102	1	34	6	86	3	244	6789
18	1.2 Bonus to All Staff	39	15	19	17	52	1	9	4	16	1	91	2811
19	2 . Employers' Contribution	312	72	192	176	67	0	16	9	26	2	485	7099

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

PATHANAMTHITTA

Sl.No.	Characteristic	10	11	13	15	16	18	20	21	22	23
1	A . Average no. of Persons Engaged	2318	151	64	16	119	12	34	38	256	2944
2	1 . Workers	1949	123	50	12	97	9	20	29	189	2336
3	1.1 Directly Employed	1949	16	50	12	97	9	20	29	189	2298
4	1.1.1 Men	824	12	20	3	87	4	16	8	165	2263
5	1.1.2 Women	1125	4	30	9	10	5	4	21	24	35
6	1.2 Employed through Contractors	0	107	0	0	0	0	0	0	0	38
7	2 Employees other than Workers	348	24	12	2	19	3	9	8	67	586
8	2.1 Supervisory & Managerial Staff	149	10	6	1	13	1	3	2	45	284
9	2.2 Other Employees	199	14	6	1	6	2	6	6	22	302
10	3 Unpaid Family Members / Proprietor etc.	21	4	2	2	3	0	5	1	0	22
11	B . Total Man-days Employed (in '000)	647	41	19	3	32	3	7	10	73	780
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	5010	422	120	14	293	16	65	43	800	10177
13	1 . Wages & Salaries including Bonus	4345	307	118	13	262	13	64	43	602	9351
14	1.1 Wages & Salaries	3890	263	118	12	247	13	63	42	510	8980
15	1.1.1 Workers	2922	177	77	9	195	7	26	33	342	4425
16	1.1.2 Supervisory & Managerial Staff	518	57	26	2	36	3	25	4	147	2745
17	1.1.3 Other Employees	452	30	14	1	15	3	12	7	23	1812
18	1.2 Bonus to All Staff	455	44	0	1	15	0	1	1	92	371
19	2 . Employers' Contribution	665	115	2	1	31	3	1	0	198	826

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

PATHANAMTHITTA

Sl.No.	Characteristic	24	25	27	31	32	Others	Total
1	A . Average no. of Persons Engaged	66	61	35	28	30	1073	7245
2	1 . Workers	59	38	26	17	24	830	5808
3	1.1 Directly Employed	59	38	26	17	24	813	5646
4	1.1.1 Men	59	32	26	17	3	779	4318
5	1.1.2 Women	0	6	0	0	21	34	1328
6	1.2 Employed through Contractors	0	0	0	0	0	17	162
7	2 Employees other than Workers	7	18	9	8	5	243	1368
8	2.1 Supervisory & Managerial Staff	5	7	2	2	3	178	711
9	2.2 Other Employees	2	11	7	6	2	65	657
10	3 Unpaid Family Members / Proprietor etc.	0	5	0	3	1	0	69
11	B . Total Man-days Employed (in '000)	18	12	7	7	7	310	1976
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	148	89	56	66	44	2431	19794
13	1 . Wages & Salaries including Bonus	143	79	55	63	39	2253	17750
14	1.1 Wages & Salaries	137	76	52	61	36	2160	16660
15	1.1.1 Workers	109	44	26	31	27	1581	10031
16	1.1.2 Supervisory & Managerial Staff	22	18	10	10	4	437	4064
17	1.1.3 Other Employees	7	13	16	20	4	142	2571
18	1.2 Bonus to All Staff	6	3	3	2	3	93	1090
19	2 . Employers' Contribution	5	10	1	3	5	178	2044

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

KOLLAM

Sl.No.	Characteristic	10	11	13	14	16	17	18	19	20	21	22	23
1	A . Average no. of Persons Engaged	34629	55	286	171	266	26	63	135	2001	146	750	1229
2	1 . Workers	31823	45	232	150	197	11	52	125	1657	124	562	1000
3	1.1 Directly Employed	31543	45	183	150	197	11	36	125	1657	124	562	659
4	1.1.1 Men	2951	36	46	15	174	9	21	125	1651	84	453	474
5	1.1.2 Women	28592	9	137	135	23	2	15	0	6	40	109	185
6	1.2 Employed through Contractors	280	0	49	0	0	0	16	0	0	0	0	341
7	2 Employees other than Workers	2630	6	32	20	33	11	7	10	341	22	185	134
8	2.1 Supervisory & Managerial Staff	923	2	13	9	18	4	5	5	232	14	111	109
9	2.2 Other Employees	1707	4	19	11	15	7	2	5	109	8	74	25
10	3 Unpaid Family Members / Proprietor etc.	176	4	22	1	36	4	4	0	3	0	3	95
11	B . Total Man-days Employed (in '000)	8346	10	68	34	51	5	14	41	692	44	212	320
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	47584	43	830	142	290	50	103	1557	20434	272	2253	3697
13	1 . Wages & Salaries including Bonus	41426	40	572	124	279	41	79	1406	17574	269	1868	3452
14	1.1 Wages & Salaries	35669	38	565	123	252	35	69	1314	17127	262	1717	3382
15	1.1.1 Workers	29365	32	529	104	191	14	64	999	12101	212	998	3023
16	1.1.2 Supervisory & Managerial Staff	3550	2	17	10	43	5	3	210	4386	36	544	304
17	1.1.3 Other Employees	2758	4	19	9	18	16	2	105	639	13	174	55
18	1.2 Bonus to All Staff	5757	2	7	1	27	6	10	92	447	7	151	70
19	2 . Employers' Contribution	6158	3	258	18	11	9	24	151	2860	3	385	245

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

KOLLAM

Sl.No.	Characteristic	24	25	27	28	29	30	31	32	33	Others	Total
1	A . Average no. of Persons Engaged	129	139	553	231	6	81	34	95	11	2648	43684
2	1 . Workers	111	107	449	201	4	69	24	81	4	2046	39074
3	1.1 Directly Employed	111	107	449	201	4	69	24	81	4	2041	38383
4	1.1.1 Men	107	85	358	93	4	69	23	6	4	1787	8575
5	1.1.2 Women	4	22	91	108	0	0	1	75	0	254	29808
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	0	0	5	691
7	2 Employees other than Workers	16	29	104	28	1	11	7	13	7	583	4230
8	2.1 Supervisory & Managerial Staff	8	8	32	16	1	7	7	7	3	425	1959
9	2.2 Other Employees	8	21	72	12	0	4	0	6	4	158	2271
10	3 Unpaid Family Members / Proprietor etc.	2	3	0	2	1	1	3	1	0	19	380
11	B . Total Man-days Employed (in '000)	41	36	140	61	2	18	7	19	2	763	10926
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	737	232	1703	499	8	168	35	142	19	5972	86770
13	1 . Wages & Salaries including Bonus	699	221	1209	483	8	149	33	129	17	5538	75616
14	1.1 Wages & Salaries	692	213	1185	479	8	146	29	120	17	5293	68735
15	1.1.1 Workers	522	156	786	274	5	107	20	97	4	3780	53383
16	1.1.2 Supervisory & Managerial Staff	140	30	198	188	3	34	8	16	8	1229	10964
17	1.1.3 Other Employees	31	25	200	17	0	5	0	7	5	280	4382
18	1.2 Bonus to All Staff	7	8	24	4	0	3	4	9	0	245	6881
19	2 . Employers' Contribution	38	11	494	16	0	19	2	13	2	434	11154

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

THIRUVANANTHAPURAM

Sl.No.	Characteristic	10	11	13	14	16	17	18	20	21	22	23
1	A . Average no. of Persons Engaged	3712	23	809	327	243	77	434	758	863	3633	1783
2	1 . Workers	3098	18	727	320	208	61	268	335	318	2960	1257
3	1.1 Directly Employed	2838	18	727	320	190	61	223	318	297	1404	654
4	1.1.1 Men	687	5	370	31	92	31	204	281	178	1035	628
5	1.1.2 Women	2151	13	357	289	98	30	19	37	119	369	26
6	1.2 Employed through Contractors	260	0	0	0	18	0	45	17	21	1556	603
7	2 Employees other than Workers	575	5	82	7	35	14	163	423	545	669	518
8	2.1 Supervisory & Managerial Staff	203	5	41	3	19	10	92	95	48	548	239
9	2.2 Other Employees	372	0	41	4	16	4	71	328	497	121	279
10	3 Unpaid Family Members / Proprietor etc.	39	0	0	0	0	2	3	0	0	4	8
11	B . Total Man-days Employed (in '000)	924	6	216	42	70	21	134	224	253	1082	482
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	7314	63	1463	142	525	214	2347	11871	3027	16308	6739
13	1 . Wages & Salaries including Bonus	6583	56	1321	134	507	195	1951	10088	2761	13363	5842
14	1.1 Wages & Salaries	6121	53	1282	133	494	181	1783	9936	2718	12880	5647
15	1.1.1 Workers	4094	34	1041	122	392	83	681	2644	678	7562	3212
16	1.1.2 Supervisory & Managerial Staff	1106	19	160	8	82	93	888	3693	394	4727	1761
17	1.1.3 Other Employees	915	0	82	2	20	5	214	3598	1645	591	673
18	1.2 Bonus to All Staff	462	3	39	1	13	14	168	152	43	483	195
19	2 . Employers' Contribution	731	7	142	8	18	19	396	1783	266	2945	897

Table T.30: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector by 2-digit Industry group (NIC 2008) -District wise details

THIRUVANANTHAPURAM

Sl.No.	Characteristic	24	25	26	27	28	30	31	32	33	Others	Total
1	A . Average no. of Persons Engaged	9	74	1041	179	32	915	104	157	259	2521	17953
2	1 . Workers	4	30	836	134	21	764	76	118	193	1964	13710
3	1.1 Directly Employed	4	30	479	129	21	473	72	118	114	1872	10362
4	1.1.1 Men	4	24	278	80	18	446	68	46	114	1833	6453
5	1.1.2 Women	0	6	201	49	3	27	4	72	0	39	3909
6	1.2 Employed through Contractors	0	0	357	5	0	291	4	0	79	92	3348
7	2 Employees other than Workers	5	42	205	45	9	151	28	38	66	553	4178
8	2.1 Supervisory & Managerial Staff	3	24	98	24	5	104	11	14	11	323	1920
9	2.2 Other Employees	2	18	107	21	4	47	17	24	55	230	2258
10	3 Unpaid Family Members / Proprietor etc.	0	2	0	0	2	0	0	1	0	4	65
11	B . Total Man-days Employed (in '000)	3	20	266	51	8	269	24	37	71	673	4876
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	27	202	6566	574	78	4433	276	201	2141	9174	73685
13	1 . Wages & Salaries including Bonus	22	182	5524	503	76	3801	240	165	2007	8493	63814
14	1.1 Wages & Salaries	22	174	5346	493	71	3626	235	156	2002	8045	61398
15	1.1.1 Workers	11	56	2583	291	45	2362	137	110	1415	3901	31454
16	1.1.2 Supervisory & Managerial Staff	8	86	2202	133	16	1033	48	20	155	3570	20202
17	1.1.3 Other Employees	4	32	561	69	10	231	48	26	432	578	9736
18	1.2 Bonus to All Staff	0	8	178	10	5	175	5	9	5	448	2416
19	2 . Employers' Contribution	5	20	1042	71	2	632	36	36	134	681	9871

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KASARAGOD

Sl.No.	Characteristic	104	105	107	110	120	131	139	141	161	162
1	A . Average no. of Persons Engaged	112	20	200	77	8388	174	16	63	69	162
2	1 . Workers	88	13	170	66	8095	157	11	59	45	114
3	1.1 Directly Employed	88	3	156	19	2242	152	11	59	45	68
4	1.1.1 Men	51	0	24	9	25	81	0	3	42	38
5	1.1.2 Women	37	3	132	10	2217	71	11	56	3	30
6	1.2 Employed through Contractors	0	10	14	47	5853	5	0	0	0	46
7	2 Employees other than Workers	24	7	27	11	150	17	4	4	18	44
8	2.1 Supervisory & Managerial Staff	16	2	8	7	40	5	1	2	12	25
9	2.2 Other Employees	8	5	19	4	110	12	3	2	6	19
10	3 Unpaid Family Members / Proprietor etc.	0	0	3	0	143	0	1	0	6	4
11	B . Total Man-days Employed (in '000)	29	5	55	23	1463	45	1	17	14	43
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	340	46	425	143	5317	298	10	58	84	238
13	1 . Wages & Salaries including Bonus	229	42	380	129	4830	260	10	50	84	231
14	1.1 Wages & Salaries	214	42	348	128	4309	246	9	45	83	227
15	1.1.1 Workers	117	25	239	87	4130	188	5	38	52	114
16	1.1.2 Supervisory & Managerial Staff	80	8	32	30	66	39	2	4	25	67
17	1.1.3 Other Employees	17	9	76	10	112	19	2	3	6	45
18	1.2 Bonus to All Staff	15	0	32	1	521	14	1	5	1	4
19	2 . Employers' Contribution	111	4	45	14	487	38	0	8	0	7

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KASARAGOD

Sl.No.	Characteristic	170	181	191	221	222	239	241	259	310	Others	Total
1	A . Average no. of Persons Engaged	14	11	1	14	21	67	15	15	52	864	10355
2	1 . Workers	9	6	0	9	11	44	0	11	24	560	9492
3	1.1 Directly Employed	9	6	0	9	11	44	0	0	14	442	3378
4	1.1.1 Men	3	3	0	8	5	33	0	0	14	437	776
5	1.1.2 Women	6	3	0	1	6	11	0	0	0	5	2602
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	11	10	118	6114
7	2 Employees other than Workers	5	4	0	5	10	20	15	4	24	304	697
8	2.1 Supervisory & Managerial Staff	3	1	0	2	7	6	6	2	7	153	305
9	2.2 Other Employees	2	3	0	3	3	14	9	2	17	151	392
10	3 Unpaid Family Members / Proprietor etc.	0	1	1	0	0	3	0	0	4	0	166
11	B . Total Man-days Employed (in '000)	4	3	0	3	6	17	3	4	13	239	1987
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	20	27	0	42	83	222	32	35	89	1942	9451
13	1 . Wages & Salaries including Bonus	20	27	0	40	76	205	27	35	85	1827	8587
14	1.1 Wages & Salaries	19	26	0	39	73	185	27	35	84	1750	7889
15	1.1.1 Workers	10	16	0	19	21	90	0	26	44	1073	6294
16	1.1.2 Supervisory & Managerial Staff	6	3	0	12	44	57	15	6	13	360	869
17	1.1.3 Other Employees	3	6	0	8	7	38	12	3	28	317	721
18	1.2 Bonus to All Staff	1	1	0	1	3	20	0	0	1	77	698
19	2 . Employers' Contribution	0	0	0	2	7	17	5	0	4	115	864

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KANNUR

Sl.No.	Characteristic	101	103	104	105	106	107	108	110	120	131	139	141	143	151	152	161
1	A . Average no. of Persons Engaged	3	27	134	535	235	375	11	95	2214	2556	420	1438	22	13	117	343
2	1 . Workers	3	20	114	390	201	330	5	62	2167	2268	342	1329	14	11	81	307
3	1.1 Directly Employed	3	20	114	215	201	330	5	62	1795	2255	342	1257	14	10	81	307
4	1.1.1 Men	2	1	61	133	111	135	5	20	72	1096	73	17	8	0	33	119
5	1.1.2 Women	1	19	53	82	90	195	0	42	1723	1159	269	1240	6	10	48	188
6	1.2 Employed through Contractors	0	0	0	175	0	0	0	0	372	13	0	72	0	1	0	0
7	2 Employees other than Workers	0	7	20	145	32	45	6	32	37	273	73	109	8	2	36	24
8	2.1 Supervisory & Managerial Staff	0	5	11	37	14	39	2	12	28	137	26	31	2	2	14	24
9	2.2 Other Employees	0	2	9	108	18	6	4	20	9	136	47	78	6	0	22	0
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	0	2	0	0	1	10	15	5	0	0	0	0	12
11	B . Total Man-days Employed (in '000)	0	7	32	173	67	101	1	26	540	603	108	374	6	3	33	84
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1	44	194	1654	428	768	8	290	2310	4828	985	1852	41	12	360	458
13	1 . Wages & Salaries including Bonus	1	39	164	1458	389	670	8	258	2056	4232	822	1608	28	12	311	365
14	1.1 Wages & Salaries	1	38	159	1430	373	618	8	250	1944	4031	733	1482	28	11	305	320
15	1.1.1 Workers	1	20	114	834	285	510	5	82	1887	3497	358	1243	18	9	156	291
16	1.1.2 Supervisory & Managerial Staff	0	16	27	229	45	99	1	117	48	350	271	91	5	2	59	30
17	1.1.3 Other Employees	0	3	18	368	44	8	3	51	9	181	105	148	5	0	89	0
18	1.2 Bonus to All Staff	0	1	5	28	16	52	0	8	112	201	89	126	0	1	6	45
19	2 . Employers' Contribution	0	5	30	196	39	98	0	32	254	596	163	244	13	0	49	93

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KANNURSl.No.	Characteristic	162	170	181	192	201	202	210	221	222	231	239	241	251
1	A . Average no. of Persons Engaged	1125	12	113	20	42	24	156	111	190	22	2079	2	29
2	1 . Workers	908	9	95	9	30	12	113	83	161	12	1782	0	17
3	1.1 Directly Employed	764	9	90	9	30	12	113	83	161	12	1345	0	17
4	1.1.1 Men	542	3	61	9	30	8	48	79	138	6	1236	0	14
5	1.1.2 Women	222	6	29	0	0	4	65	4	23	6	109	0	3
6	1.2 Employed through Contractors	144	0	5	0	0	0	0	0	0	0	437	0	0
7	2 Employees other than Workers	197	1	18	11	12	12	43	26	25	10	274	0	10
8	2.1 Supervisory & Managerial Staff	152	1	11	1	4	7	10	11	17	2	143	0	1
9	2.2 Other Employees	45	0	7	10	8	5	33	15	8	8	131	0	9
10	3 Unpaid Family Members / Proprietor etc.	20	2	0	0	0	0	0	2	4	0	23	2	2
11	B . Total Man-days Employed (in '000)	273	2	34	6	9	6	43	29	80	6	537	0	8
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	2016	20	331	64	122	77	463	239	685	63	5900	0	59
13	1 . Wages & Salaries including Bonus	1769	18	258	55	110	59	409	217	594	59	5637	0	53
14	1.1 Wages & Salaries	1748	16	244	52	108	58	402	208	548	56	5608	0	53
15	1.1.1 Workers	1302	13	181	26	51	15	169	139	455	21	4100	0	31
16	1.1.2 Supervisory & Managerial Staff	368	3	43	2	33	30	113	35	82	14	992	0	9
17	1.1.3 Other Employees	77	0	21	23	24	12	120	34	11	20	518	0	13
18	1.2 Bonus to All Staff	21	2	14	3	2	1	7	9	46	3	29	0	0
19	2 . Employers' Contribution	247	2	73	9	12	18	54	22	91	4	263	0	6

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KANNUR

Sl.No.	Characteristic	252	259	261	271	272	282	301	310	321	323	325	Others	Total
1	A . Average no. of Persons Engaged	15	38	475	1	9	106	65	749	19	25	112	1378	15455
2	1 . Workers	10	28	425	0	8	83	54	630	16	23	56	1031	13239
3	1.1 Directly Employed	6	26	372	0	8	83	7	630	16	23	56	1015	11898
4	1.1.1 Men	6	21	227	0	5	75	7	481	7	7	17	984	5897
5	1.1.2 Women	0	5	145	0	3	8	0	149	9	16	39	31	6001
6	1.2 Employed through Contractors	4	2	53	0	0	0	47	0	0	0	0	16	1341
7	2 Employees other than Workers	5	9	50	0	0	21	11	109	3	2	56	341	2095
8	2.1 Supervisory & Managerial Staff	1	4	45	0	0	7	9	52	0	2	5	157	1026
9	2.2 Other Employees	4	5	5	0	0	14	2	57	3	0	51	184	1069
10	3 Unpaid Family Members / Proprietor etc.	0	1	0	1	1	2	0	10	0	0	0	6	121
11	B . Total Man-days Employed (in '000)	4	10	119	0	2	28	16	187	4	6	31	365	3963
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	21	126	1895	0	9	319	145	2050	27	47	286	3608	32805
13	1 . Wages & Salaries including Bonus	20	120	1676	0	9	285	135	1765	27	43	249	3274	29262
14	1.1 Wages & Salaries	20	115	1676	0	9	283	133	1716	26	39	221	3149	28219
15	1.1.1 Workers	12	36	1132	0	9	220	92	1212	20	29	107	2149	20831
16	1.1.2 Supervisory & Managerial Staff	1	67	391	0	0	47	35	305	0	10	36	635	4641
17	1.1.3 Other Employees	7	11	152	0	0	15	6	199	6	0	78	362	2741
18	1.2 Bonus to All Staff	0	5	0	0	0	2	2	49	1	4	28	125	1043
19	2 . Employers' Contribution	1	6	219	0	0	34	10	285	0	4	37	334	3543

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

WAYANAD

Sl.No.	Characteristic	101	105	107	152	161	162	181	202	210	222	239	Others	Total
1	A . Average no. of Persons Engaged	114	258	1940	166	17	47	28	344	42	16	177	253	3402
2	1 . Workers	92	184	1549	135	12	41	24	298	21	8	146	181	2691
3	1.1 Directly Employed	92	89	1549	135	12	41	24	4	21	8	146	181	2302
4	1.1.1 Men	75	61	992	135	12	23	13	2	7	6	135	163	1624
5	1.1.2 Women	17	28	557	0	0	18	11	2	14	2	11	18	678
6	1.2 Employed through Contractors	0	95	0	0	0	0	0	294	0	0	0	0	389
7	2 Employees other than Workers	22	73	387	31	2	5	2	45	19	8	25	72	691
8	2.1 Supervisory & Managerial Staff	7	14	235	14	1	3	1	21	5	5	9	30	345
9	2.2 Other Employees	15	59	152	17	1	2	1	24	14	3	16	42	346
10	3 Unpaid Family Members / Proprietor etc.	0	1	4	0	3	1	2	1	2	0	6	0	20
11	B . Total Man-days Employed (in '000)	34	94	708	50	2	11	7	104	12	5	46	70	1143
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	290	1103	7952	416	10	53	40	625	61	41	290	431	11312
13	1 . Wages & Salaries including Bonus	254	1014	6345	370	10	53	38	573	58	41	259	379	9394
14	1.1 Wages & Salaries	253	1007	6255	347	10	52	37	552	56	41	255	367	9232
15	1.1.1 Workers	195	649	3956	255	7	38	34	357	23	13	201	236	5964
16	1.1.2 Supervisory & Managerial Staff	23	173	1990	58	1	12	1	125	8	23	19	63	2496
17	1.1.3 Other Employees	35	184	310	34	2	2	2	69	24	5	34	67	768
18	1.2 Bonus to All Staff	1	7	90	23	0	1	1	21	2	0	4	12	162
19	2 . Employers' Contribution	36	89	1607	46	0	0	2	52	3	0	31	52	1918

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KOZHIKODE

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	120	131	139	141	152
1	A . Average no. of Persons Engaged	50	106	165	306	339	104	6	151	187	704	207	44	3228
2	1 . Workers	44	50	147	255	253	72	4	136	167	613	195	41	2768
3	1.1 Directly Employed	44	50	135	167	170	72	4	18	167	589	195	41	2768
4	1.1.1 Men	35	7	57	132	168	44	4	9	13	161	0	10	2337
5	1.1.2 Women	9	43	78	35	2	28	0	9	154	428	195	31	431
6	1.2 Employed through Contractors	0	0	12	88	83	0	0	118	0	24	0	0	0
7	2 Employees other than Workers	5	51	18	51	85	32	2	15	20	86	12	3	425
8	2.1 Supervisory & Managerial Staff	1	11	15	30	22	12	1	8	10	59	12	1	164
9	2.2 Other Employees	4	40	3	21	63	20	1	7	10	27	0	2	261
10	3 Unpaid Family Members / Proprietor etc.	1	5	0	0	1	0	0	0	0	5	0	0	35
11	B . Total Man-days Employed (in '000)	8	30	40	107	102	16	1	37	56	185	50	12	851
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	106	282	217	1794	1380	333	6	296	267	1167	130	137	6648
13	1 . Wages & Salaries including Bonus	90	246	202	1486	1247	74	6	282	215	996	122	107	5831
14	1.1 Wages & Salaries	88	220	196	1478	1176	74	6	264	190	923	111	103	5504
15	1.1.1 Workers	76	75	154	1049	696	51	2	217	160	763	93	61	4156
16	1.1.2 Supervisory & Managerial Staff	3	66	37	348	261	9	3	28	16	126	17	36	718
17	1.1.3 Other Employees	8	78	6	80	220	15	1	19	14	32	0	6	632
18	1.2 Bonus to All Staff	2	26	6	8	71	0	0	18	25	73	11	4	327
19	2 . Employers' Contribution	16	36	15	308	133	259	0	14	52	171	8	30	817

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KOZHIKODE

Sl.No.	Characteristic	161	162	170	181	192	202	210	221	222	239	241	243
1	A . Average no. of Persons Engaged	84	73	242	163	33	491	156	223	155	806	382	787
2	1 . Workers	74	53	217	125	28	129	116	184	131	671	296	605
3	1.1 Directly Employed	74	53	217	125	16	121	116	184	131	663	46	232
4	1.1.1 Men	69	20	40	121	16	57	33	160	42	650	46	231
5	1.1.2 Women	5	33	177	4	0	64	83	24	89	13	0	1
6	1.2 Employed through Contractors	0	0	0	0	12	8	0	0	0	8	250	373
7	2 Employees other than Workers	0	15	19	38	5	358	40	36	12	110	86	180
8	2.1 Supervisory & Managerial Staff	0	5	13	8	4	12	13	16	3	37	52	136
9	2.2 Other Employees	0	10	6	30	1	346	27	20	9	73	34	44
10	3 Unpaid Family Members / Proprietor etc.	10	5	6	0	0	4	0	3	12	25	0	2
11	B . Total Man-days Employed (in '000)	8	15	71	46	10	141	46	64	33	192	112	234
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	33	53	341	289	87	1189	410	593	157	1935	1547	3992
13	1 . Wages & Salaries including Bonus	33	50	304	248	87	1110	392	474	153	1751	1391	3399
14	1.1 Wages & Salaries	33	47	304	226	87	1098	381	457	153	1705	1332	3181
15	1.1.1 Workers	33	31	236	166	67	227	200	334	138	1363	462	1100
16	1.1.2 Supervisory & Managerial Staff	0	9	64	8	17	257	49	73	1	158	799	1968
17	1.1.3 Other Employees	0	7	3	52	3	615	131	50	13	183	70	113
18	1.2 Bonus to All Staff	0	3	0	22	0	12	11	17	0	46	59	218
19	2 . Employers' Contribution	0	3	37	41	0	79	18	119	4	184	156	593

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KOZHIKODE

Sl.No.	Characteristic	251	259	266	272	282	303	310	325	331	383	581	Others	Total
1	A . Average no. of Persons Engaged	102	5	44	68	73	44	88	28	27	7	1761	2747	14186
2	1 . Workers	84	3	34	45	58	42	54	9	12	6	553	1966	10240
3	1.1 Directly Employed	33	3	19	45	55	42	54	9	12	6	549	1931	9156
4	1.1.1 Men	4	2	15	29	44	42	44	8	12	6	537	1930	7135
5	1.1.2 Women	29	1	4	16	11	0	10	1	0	0	12	1	2021
6	1.2 Employed through Contractors	51	0	15	0	3	0	0	0	0	0	4	35	1084
7	2 Employees other than Workers	18	2	10	22	14	2	32	19	14	0	1208	776	3821
8	2.1 Supervisory & Managerial Staff	12	2	1	12	6	2	6	2	0	0	248	345	1281
9	2.2 Other Employees	6	0	9	10	8	0	26	17	14	0	960	431	2540
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	1	1	0	2	0	1	1	0	5	125
11	B . Total Man-days Employed (in '000)	26	1	10	17	19	11	24	8	7	1	619	728	3938
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	215	4	194	165	284	125	106	87	72	6	12942	6543	44132
13	1 . Wages & Salaries including Bonus	182	4	133	143	267	112	98	85	51	6	10786	5921	38084
14	1.1 Wages & Salaries	175	4	130	137	238	111	97	85	49	6	10649	5653	36671
15	1.1.1 Workers	116	2	94	76	128	91	43	21	19	6	2576	3236	18318
16	1.1.2 Supervisory & Managerial Staff	49	2	5	39	98	20	10	16	0	0	3259	1483	10052
17	1.1.3 Other Employees	11	0	30	22	12	0	45	47	30	0	4813	936	8297
18	1.2 Bonus to All Staff	7	0	3	6	29	1	1	0	2	0	137	268	1413
19	2 . Employers' Contribution	33	0	61	22	17	13	8	2	21	0	2156	622	6048

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

MALAPPURAM

Sl.No.	Characteristic	103	104	105	106	107	108	110	120	131	139	141	143
1	A . Average no. of Persons Engaged	66	417	248	214	606	40	14	15	529	16	1062	1
2	1 . Workers	42	205	166	150	485	28	11	7	475	11	833	0
3	1.1 Directly Employed	42	185	166	100	472	28	11	7	468	11	830	0
4	1.1.1 Men	24	167	100	49	91	28	5	7	357	8	372	0
5	1.1.2 Women	18	18	66	51	381	0	6	0	111	3	458	0
6	1.2 Employed through Contractors	0	20	0	50	13	0	0	0	7	0	3	0
7	2 Employees other than Workers	20	211	82	64	114	12	2	0	53	5	226	0
8	2.1 Supervisory & Managerial Staff	12	25	28	35	46	7	2	0	27	4	166	0
9	2.2 Other Employees	8	186	54	29	68	5	0	0	26	1	60	0
10	3 Unpaid Family Members / Proprietor etc.	4	1	0	0	7	0	1	8	1	0	3	1
11	B . Total Man-days Employed (in '000)	15	125	74	64	174	10	3	2	152	5	290	0
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	85	1497	856	699	1014	75	7	9	1617	25	1804	0
13	1 . Wages & Salaries including Bonus	81	1367	783	642	940	72	7	9	1336	20	1698	0
14	1.1 Wages & Salaries	81	1301	775	615	928	72	7	9	1276	19	1698	0
15	1.1.1 Workers	42	331	293	345	630	40	5	9	1072	11	1151	0
16	1.1.2 Supervisory & Managerial Staff	26	538	353	185	155	25	2	0	140	6	412	0
17	1.1.3 Other Employees	12	433	128	86	142	9	0	0	64	2	138	0
18	1.2 Bonus to All Staff	0	66	8	27	12	0	0	0	60	1	0	0
19	2 . Employers' Contribution	4	130	73	57	74	3	0	0	281	5	106	0

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

MALAPPURAM

Sl.No.	Characteristic	152	161	162	170	181	192	201	210	221	222	239	251
1	A . Average no. of Persons Engaged	670	71	131	187	53	190	21	964	305	242	885	27
2	1 . Workers	524	37	109	125	38	152	12	733	242	117	668	19
3	1.1 Directly Employed	492	37	109	125	38	20	12	733	114	117	612	19
4	1.1.1 Men	394	23	99	67	38	20	8	610	90	99	586	12
5	1.1.2 Women	98	14	10	58	0	0	4	123	24	18	26	7
6	1.2 Employed through Contractors	32	0	0	0	0	132	0	0	128	0	56	0
7	2 Employees other than Workers	135	19	20	51	15	38	6	227	63	121	203	7
8	2.1 Supervisory & Managerial Staff	65	5	2	22	5	11	2	84	29	61	60	6
9	2.2 Other Employees	70	14	18	29	10	27	4	143	34	60	143	1
10	3 Unpaid Family Members / Proprietor etc.	11	15	2	11	0	0	3	4	0	4	14	1
11	B . Total Man-days Employed (in '000)	183	16	32	37	19	57	5	307	86	65	231	7
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1424	97	181	272	373	1238	30	4021	925	626	2433	57
13	1 . Wages & Salaries including Bonus	1242	97	173	228	334	1026	29	3383	794	557	2065	56
14	1.1 Wages & Salaries	1194	97	172	215	326	1015	28	3256	759	517	2021	56
15	1.1.1 Workers	826	61	123	111	186	725	18	2317	490	198	1491	39
16	1.1.2 Supervisory & Managerial Staff	233	9	15	74	34	243	3	456	162	178	250	15
17	1.1.3 Other Employees	138	27	34	29	107	47	7	483	107	140	280	1
18	1.2 Bonus to All Staff	48	0	1	13	8	11	1	127	35	40	44	0
19	2 . Employers' Contribution	182	0	8	44	39	212	1	638	131	69	368	1

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

MALAPPURAM

Sl.No.	Characteristic	259	261	271	273	279	292	293	303	310	321	581	Others	Total
1	A . Average no. of Persons Engaged	9	83	33	21	9	5	47	8	588	172	96	1098	9143
2	1 . Workers	7	46	21	12	7	4	37	6	448	131	33	745	6686
3	1.1 Directly Employed	7	46	13	12	7	4	37	4	448	97	33	727	6183
4	1.1.1 Men	6	33	13	3	4	4	20	4	448	92	33	722	4636
5	1.1.2 Women	1	13	0	9	3	0	17	0	0	5	0	5	1547
6	1.2 Employed through Contractors	0	0	8	0	0	0	0	2	0	34	0	18	503
7	2 Employees other than Workers	1	37	12	9	2	1	9	2	130	40	63	353	2353
8	2.1 Supervisory & Managerial Staff	1	21	7	6	1	1	6	1	42	8	3	129	930
9	2.2 Other Employees	0	16	5	3	1	0	3	1	88	32	60	224	1423
10	3 Unpaid Family Members / Proprietor etc.	1	0	0	0	0	0	1	0	10	1	0	0	104
11	B . Total Man-days Employed (in '000)	2	21	9	5	2	1	12	2	167	46	34	291	2551
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	15	334	202	72	13	9	128	22	939	348	482	2665	24594
13	1 . Wages & Salaries including Bonus	12	271	153	66	13	9	112	18	900	336	435	2259	21523
14	1.1 Wages & Salaries	12	263	149	64	12	9	111	17	900	311	435	2165	20885
15	1.1.1 Workers	10	115	69	21	9	7	74	12	623	193	133	1353	13133
16	1.1.2 Supervisory & Managerial Staff	2	95	54	37	1	1	32	3	100	60	23	341	4263
17	1.1.3 Other Employees	0	53	26	7	2	0	5	2	179	57	278	471	3494
18	1.2 Bonus to All Staff	0	8	4	2	1	0	1	1	0	25	0	94	638
19	2 . Employers' Contribution	3	63	49	6	0	0	16	4	39	12	47	406	3071

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

PALAKKAD

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	131	139	141	161
1	A . Average no. of Persons Engaged	80	49	103	514	902	357	209	1132	1471	96	136	378
2	1 . Workers	54	33	93	436	670	308	165	907	1259	74	108	294
3	1.1 Directly Employed	54	33	41	167	600	182	60	520	660	74	108	294
4	1.1.1 Men	54	10	18	78	502	161	59	234	483	32	62	150
5	1.1.2 Women	0	23	23	89	98	21	1	286	177	42	46	144
6	1.2 Employed through Contractors	0	0	52	269	70	126	105	387	599	0	0	0
7	2 Employees other than Workers	26	16	6	78	225	49	44	223	210	16	26	60
8	2.1 Supervisory & Managerial Staff	8	6	2	41	91	35	26	149	111	8	16	24
9	2.2 Other Employees	18	10	4	37	134	14	18	74	99	8	10	36
10	3 Unpaid Family Members / Proprietor etc.	0	0	4	0	7	0	0	2	2	6	2	24
11	B . Total Man-days Employed (in '000)	15	12	26	168	256	95	61	247	493	24	38	80
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	112	50	135	1784	1734	647	809	2891	4640	128	223	412
13	1 . Wages & Salaries including Bonus	93	45	116	1592	1634	565	679	2525	4020	123	218	380
14	1.1 Wages & Salaries	90	42	115	1567	1593	552	662	2472	3721	114	213	361
15	1.1.1 Workers	52	25	104	1090	989	348	448	1490	2731	92	144	274
16	1.1.2 Supervisory & Managerial Staff	18	8	4	349	354	182	134	834	702	13	53	33
17	1.1.3 Other Employees	21	9	7	128	250	23	80	147	289	8	14	54
18	1.2 Bonus to All Staff	3	3	1	25	41	13	17	53	299	9	5	19
19	2 . Employers' Contribution	19	5	19	192	100	82	130	366	620	5	5	32

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise detail**

PALAKKAD

Sl.No.	Characteristic	162	170	181	192	201	202	203	210	221	222	231
1	A . Average no. of Persons Engaged	389	226	120	224	82	342	1	906	1234	1774	184
2	1 . Workers	326	194	99	186	55	249	0	728	1006	1490	155
3	1.1 Directly Employed	326	133	91	69	55	249	0	579	743	1117	115
4	1.1.1 Men	183	114	43	69	48	46	0	318	718	983	108
5	1.1.2 Women	143	19	48	0	7	203	0	261	25	134	7
6	1.2 Employed through Contractors	0	61	8	117	0	0	0	149	263	373	40
7	2 Employees other than Workers	45	28	21	38	23	84	0	173	217	269	29
8	2.1 Supervisory & Managerial Staff	11	17	10	20	19	25	0	86	125	114	14
9	2.2 Other Employees	34	11	11	18	4	59	0	87	92	155	15
10	3 Unpaid Family Members / Proprietor etc.	18	4	0	0	4	9	1	5	11	15	0
11	B . Total Man-days Employed (in '000)	95	62	32	62	21	92	0	291	363	505	56
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	480	531	376	788	132	588	0	3292	3310	4203	438
13	1 . Wages & Salaries including Bonus	440	456	351	767	128	445	0	2832	3007	3626	385
14	1.1 Wages & Salaries	423	434	348	751	125	427	0	2628	2922	3487	365
15	1.1.1 Workers	348	317	245	496	65	284	0	1688	1756	2400	287
16	1.1.2 Supervisory & Managerial Staff	28	98	77	175	55	61	0	668	958	795	46
17	1.1.3 Other Employees	45	21	27	79	5	83	0	270	209	291	31
18	1.2 Bonus to All Staff	17	22	3	16	3	18	0	204	85	139	20
19	2 . Employers' Contribution	40	75	25	21	4	143	0	460	303	577	53

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

PALAKKAD

Sl.No.	Characteristic	239	241	242	243	251	259	261	263	266	271	272
1	A . Average no. of Persons Engaged	3800	1202	387	73	346	731	43	314	154	55	79
2	1 . Workers	3034	862	332	55	290	591	28	95	94	37	62
3	1.1 Directly Employed	1834	221	113	38	176	591	28	95	6	27	62
4	1.1.1 Men	1740	221	76	38	176	520	4	32	2	6	27
5	1.1.2 Women	94	0	37	0	0	71	24	63	4	21	35
6	1.2 Employed through Contractors	1200	641	219	17	114	0	0	0	88	10	0
7	2 Employees other than Workers	761	336	54	18	56	116	15	219	60	16	15
8	2.1 Supervisory & Managerial Staff	442	101	17	11	22	42	11	180	60	7	10
9	2.2 Other Employees	319	235	37	7	34	74	4	39	0	9	5
10	3 Unpaid Family Members / Proprietor etc.	5	4	1	0	0	24	0	0	0	2	2
11	B . Total Man-days Employed (in '000)	1155	337	90	21	103	188	11	82	44	13	20
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	18411	2006	881	301	662	1272	53	3218	628	121	93
13	1 . Wages & Salaries including Bonus	15634	1710	795	274	620	1144	47	2317	602	109	80
14	1.1 Wages & Salaries	14774	1689	795	268	613	1035	46	2301	601	104	77
15	1.1.1 Workers	8696	995	632	126	477	824	23	497	195	64	50
16	1.1.2 Supervisory & Managerial Staff	5371	399	80	124	81	115	20	1637	406	25	20
17	1.1.3 Other Employees	707	295	84	19	54	97	3	168	0	16	6
18	1.2 Bonus to All Staff	860	21	0	6	7	109	1	16	1	5	3
19	2 . Employers' Contribution	2777	296	86	27	42	128	6	901	26	12	13

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) i-District wise details**

PALAKKAD

Sl.No.	Characteristic	273	274	279	281	282	292	310	325	329	382	Others	Total
1	A . Average no. of Persons Engaged	23	32	5	461	68	25	321	627	7	24	1047	20733
2	1 . Workers	18	21	5	321	62	17	270	469	4	2	708	16266
3	1.1 Directly Employed	18	21	5	181	62	10	270	469	4	2	586	11089
4	1.1.1 Men	11	11	0	178	61	10	270	412	0	2	519	8789
5	1.1.2 Women	7	10	5	3	1	0	0	57	4	0	67	2300
6	1.2 Employed through Contractors	0	0	0	140	0	7	0	0	0	0	122	5177
7	2 Employees other than Workers	5	11	0	138	6	8	45	158	1	21	334	4299
8	2.1 Supervisory & Managerial Staff	3	6	0	66	3	4	33	78	1	2	149	2206
9	2.2 Other Employees	2	5	0	72	3	4	12	80	0	19	185	2093
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	2	0	0	6	0	2	1	5	168
11	B . Total Man-days Employed (in '000)	6	8	1	120	17	7	92	171	1	6	284	5871
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	74	57	4	2119	161	67	616	1951	3	53	2417	62871
13	1 . Wages & Salaries including Bonus	67	52	4	1747	142	64	578	1782	3	49	2224	54471
14	1.1 Wages & Salaries	61	51	4	1632	140	63	563	1730	3	49	2147	52158
15	1.1.1 Workers	31	23	4	915	94	34	277	911	2	2	1328	31873
16	1.1.2 Supervisory & Managerial Staff	26	21	0	430	22	24	270	615	2	14	480	15827
17	1.1.3 Other Employees	4	7	0	287	23	5	17	204	0	33	341	4461
18	1.2 Bonus to All Staff	6	1	0	115	2	1	15	52	0	0	77	2313
19	2 . Employers' Contribution	7	5	0	372	19	3	38	169	0	4	193	8400

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

THRISSUR

SLN o.	Characteristic	102	103	104	105	106	107	108	110	120	131	139	141	152
1	A . Average no. of Persons Engaged	77	74	538	433	3489	1086	1433	603	163	1412	41	151	75
2	1 . Workers	49	62	400	343	3132	960	1241	496	97	1196	36	76	61
3	1.1 Directly Employed	34	62	187	313	3088	586	385	221	73	1196	36	76	61
4	1.1.1 Men	26	2	112	117	1878	386	369	112	33	481	6	15	35
5	1.1.2 Women	8	60	75	196	1210	200	16	109	40	715	30	61	26
6	1.2 Employed through Contractors	15	0	213	30	44	374	856	275	24	0	0	0	0
7	2 Employees other than Workers	28	12	135	87	355	121	192	99	64	214	5	73	12
8	2.1 Supervisory & Managerial Staff	13	10	37	46	180	77	89	58	7	73	4	11	5
9	2.2 Other Employees	15	2	98	41	175	44	103	41	57	141	1	62	7
10	3 Unpaid Family Members / Proprietor etc.	0	0	3	3	2	5	0	8	2	2	0	2	2
11	B . Total Man-days Employed (in '000)	25	21	158	147	1099	309	446	153	35	379	10	33	20
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	277	85	1578	1316	7649	2629	6525	1548	255	4452	42	201	123
13	1 . Wages & Salaries including Bonus	240	79	1459	1100	6901	2394	5407	1356	177	3042	41	170	97
14	1.1 Wages & Salaries	236	76	1250	1054	6615	2336	4993	1295	176	2978	39	164	95
15	1.1.1 Workers	81	52	786	720	5056	1370	3681	807	103	2221	31	96	74
16	1.1.2 Supervisory & Managerial Staff	135	22	237	264	1198	768	861	353	14	388	6	25	19
17	1.1.3 Other Employees	22	1	228	70	363	198	450	133	58	370	1	44	2
18	1.2 Bonus to All Staff	4	3	209	46	286	58	414	61	1	64	2	6	2
19	2 . Employers' Contribution	37	6	119	216	748	235	1118	192	78	1410	1	31	26

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

THRISSUR

Sl.No.	Characteristic	161	162	170	181	192	201	202	210	221	222	231	239	241
1	A . Average no. of Persons Engaged	106	32	206	1167	9	58	265	2699	2790	3378	153	2073	112
2	1 . Workers	85	20	172	716	5	48	204	1836	2511	2812	116	1699	83
3	1.1 Directly Employed	85	20	167	336	5	22	149	1412	2024	2394	113	1194	79
4	1.1.1 Men	60	16	115	270	4	16	68	704	1812	1725	111	433	69
5	1.1.2 Women	25	4	52	66	1	6	81	708	212	669	2	761	10
6	1.2 Employed through Contractors	0	0	5	380	0	26	55	424	487	418	3	505	4
7	2 Employees other than Workers	15	8	29	445	4	10	58	858	269	551	37	294	26
8	2.1 Supervisory & Managerial Staff	9	8	15	65	3	9	35	312	247	323	12	181	23
9	2.2 Other Employees	6	0	14	380	1	1	23	546	22	228	25	113	3
10	3 Unpaid Family Members / Proprietor etc.	6	4	5	6	0	0	3	5	10	15	0	80	3
11	B . Total Man-days Employed (in '000)	26	6	52	346	3	17	72	778	852	985	44	501	31
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	109	38	320	1787	34	135	715	7682	19167	8346	276	3020	185
13	1 . Wages & Salaries including Bonus	106	36	280	1636	33	128	639	6499	15631	7547	269	2711	175
14	1.1 Wages & Salaries	103	36	261	1606	33	123	610	6252	14672	7085	259	2533	169
15	1.1.1 Workers	74	20	216	860	8	79	297	3122	13354	4633	173	2005	114
16	1.1.2 Supervisory & Managerial Staff	21	16	26	188	22	31	224	2010	1245	1630	50	383	53
17	1.1.3 Other Employees	8	0	20	559	2	11	90	1121	74	820	36	139	2
18	1.2 Bonus to All Staff	3	0	19	30	0	5	29	247	959	462	10	178	6
19	2 . Employers' Contribution	3	2	40	151	1	7	76	1183	3536	799	7	309	10

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

THRISSUR

Sl.No.	Characteristic	242	243	251	259	261	264	271	272	273	274	279
1	A . Average no. of Persons Engaged	55	126	221	581	46	24	40	56	4	6	166
2	1 . Workers	31	90	192	452	28	11	35	36	2	4	144
3	1.1 Directly Employed	31	90	192	430	28	11	35	36	2	4	106
4	1.1.1 Men	21	82	137	312	0	0	8	25	2	3	55
5	1.1.2 Women	10	8	55	118	28	11	27	11	0	1	51
6	1.2 Employed through Contractors	0	0	0	22	0	0	0	0	0	0	38
7	2 Employees other than Workers	23	34	29	104	18	13	4	19	0	1	19
8	2.1 Supervisory & Managerial Staff	3	25	29	78	4	11	2	10	0	1	8
9	2.2 Other Employees	20	9	0	26	14	2	2	9	0	0	11
10	3 Unpaid Family Members / Proprietor etc.	1	2	0	25	0	0	1	1	2	1	3
11	B . Total Man-days Employed (in '000)	14	37	71	148	13	6	11	13	0	1	43
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	78	627	470	1959	174	25	63	128	2	4	288
13	1 . Wages & Salaries including Bonus	68	596	420	1644	163	22	55	124	2	4	246
14	1.1 Wages & Salaries	66	579	419	1578	156	20	51	113	2	4	234
15	1.1.1 Workers	29	197	335	999	50	7	41	55	2	3	170
16	1.1.2 Supervisory & Managerial Staff	10	355	83	480	79	10	4	43	0	1	40
17	1.1.3 Other Employees	27	27	0	100	26	3	5	14	0	0	24
18	1.2 Bonus to All Staff	2	17	1	66	7	2	4	11	0	0	12
19	2 . Employers' Contribution	10	31	50	315	11	3	8	4	0	0	42

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

THRISSUR

Sl.No.	Characteristic	281	282	292	293	301	310	321	325	329	331	Others	Total
1	A . Average no. of Persons Engaged	376	828	49	73	1	172	863	301	14	27	3784	30436
2	1 . Workers	199	697	43	59	0	146	686	252	10	19	3316	24908
3	1.1 Directly Employed	96	697	43	59	0	128	423	112	6	17	3299	20163
4	1.1.1 Men	89	665	43	48	0	58	338	79	6	16	2310	13272
5	1.1.2 Women	7	32	0	11	0	70	85	33	0	1	989	6891
6	1.2 Employed through Contractors	103	0	0	0	0	18	263	140	4	2	17	4745
7	2 Employees other than Workers	171	118	6	14	0	18	174	47	2	7	455	5277
8	2.1 Supervisory & Managerial Staff	10	70	3	4	0	12	38	15	1	3	282	2461
9	2.2 Other Employees	161	48	3	10	0	6	136	32	1	4	173	2816
10	3 Unpaid Family Members / Proprietor etc.	6	13	0	0	1	8	3	2	2	1	13	251
11	B . Total Man-days Employed (in '000)	110	216	8	19	0	47	235	72	3	6	1055	8676
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	2905	1483	59	200	0	228	1296	671	20	31	8110	87315
13	1 . Wages & Salaries including Bonus	2596	1394	59	164	0	217	1248	634	19	29	7049	74906
14	1.1 Wages & Salaries	2587	1374	59	164	0	217	1217	608	19	29	6565	71110
15	1.1.1 Workers	653	940	44	110	0	178	830	448	12	20	4716	49872
16	1.1.2 Supervisory & Managerial Staff	125	225	9	22	0	32	162	96	5	5	1094	13069
17	1.1.3 Other Employees	1808	209	6	31	0	7	226	64	2	3	753	8157
18	1.2 Bonus to All Staff	9	20	0	0	0	0	31	26	0	0	484	3796
19	2 . Employers' Contribution	309	89	0	36	0	11	48	37	1	2	1061	12409

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	101	102	103	104	105	106	107	108	110	131	139	141
1	A . Average no. of Persons Engaged	81	2275	673	263	983	1843	10508	159	695	669	527	4082
2	1 . Workers	60	1516	496	213	613	1426	8592	118	581	501	404	3946
3	1.1 Directly Employed	60	1290	496	171	338	1242	5473	118	413	493	246	3946
4	1.1.1 Men	30	471	89	141	187	847	3283	118	294	392	180	1394
5	1.1.2 Women	30	819	407	30	151	395	2190	0	119	101	66	2552
6	1.2 Employed through Contractors	0	226	0	42	275	184	3119	0	168	8	158	0
7	2 Employees other than Workers	21	729	165	50	370	412	1916	41	109	167	123	135
8	2.1 Supervisory & Managerial Staff	12	287	61	38	172	202	1092	23	87	134	63	63
9	2.2 Other Employees	9	442	104	12	198	210	824	18	22	33	60	72
10	3 Unpaid Family Members / Proprietor etc.	0	30	12	0	0	5	0	0	5	1	0	1
11	B . Total Man-days Employed (in '000)	25	669	195	79	324	552	3173	45	184	170	149	1209
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	357	7004	1597	745	4510	5097	35548	543	1731	3068	1749	10899
13	1 . Wages & Salaries including Bonus	308	5860	1449	656	3668	4581	31809	389	1545	2629	1277	8846
14	1.1 Wages & Salaries	308	5675	1292	635	3542	4420	31148	376	1494	2590	1161	8288
15	1.1.1 Workers	180	2972	589	422	1762	2595	19293	189	1097	1388	793	6136
16	1.1.2 Supervisory & Managerial Staff	106	1459	565	176	1144	1395	8680	132	325	1081	227	1529
17	1.1.3 Other Employees	22	1246	138	37	636	427	3168	54	70	120	140	622
18	1.2 Bonus to All Staff	0	185	157	21	126	161	661	13	51	39	116	558
19	2 . Employers' Contribution	49	1144	148	89	842	516	3739	154	186	439	472	2053

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	143	151	152	161	162	170	181	191	192	201	202	210
1	A . Average no. of Persons Engaged	222	13	68	328	5560	890	1551	315	5920	4072	3524	1086
2	1 . Workers	157	8	43	294	4227	703	1269	203	4991	3235	2092	601
3	1.1 Directly Employed	157	8	43	215	4055	645	861	49	1100	2319	1575	494
4	1.1.1 Men	13	8	43	145	3675	383	627	48	1075	2267	1327	258
5	1.1.2 Women	144	0	0	70	380	262	234	1	25	52	248	236
6	1.2 Employed through Contractors	0	0	0	79	172	58	408	154	3891	916	517	107
7	2 Employees other than Workers	64	5	25	29	1173	187	282	111	928	837	1418	485
8	2.1 Supervisory & Managerial Staff	20	3	11	19	807	91	156	104	745	681	665	187
9	2.2 Other Employees	44	2	14	10	366	96	126	7	183	156	753	298
10	3 Unpaid Family Members / Proprietor etc.	1	0	0	5	160	0	0	1	1	0	14	0
11	B . Total Man-days Employed (in '000)	50	4	20	81	1366	256	461	86	2121	1405	1061	318
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	518	56	145	518	9474	2500	6466	1123	68760	39751	25133	5922
13	1 . Wages & Salaries including Bonus	505	37	124	501	8670	2209	5566	988	51415	31655	22377	5181
14	1.1 Wages & Salaries	475	32	124	501	8528	2141	5423	959	50965	31256	21597	5022
15	1.1.1 Workers	152	15	75	447	4901	1184	3226	435	25671	18554	6261	1637
16	1.1.2 Supervisory & Managerial Staff	219	13	30	48	2979	800	1331	512	21997	11350	11568	2354
17	1.1.3 Other Employees	104	4	19	7	643	157	867	12	3298	1351	3771	1032
18	1.2 Bonus to All Staff	30	5	0	0	142	68	143	29	450	399	780	159
19	2 . Employers' Contribution	13	19	21	17	804	291	900	135	17345	8096	2756	741

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	221	222	231	239	241	242	243	251	259	261	263	265
1	A . Average no. of Persons Engaged	3374	2319	299	2036	460	354	473	1908	1262	4456	98	52
2	1 . Workers	2450	1655	228	1581	390	181	324	1335	983	3342	76	30
3	1.1 Directly Employed	2032	1572	228	1246	390	123	283	800	965	1554	76	30
4	1.1.1 Men	1625	1226	214	1058	387	123	166	694	756	936	48	22
5	1.1.2 Women	407	346	14	188	3	0	117	106	209	618	28	8
6	1.2 Employed through Contractors	418	83	0	335	0	58	41	535	18	1788	0	0
7	2 Employees other than Workers	910	659	71	455	67	173	149	573	275	1112	22	22
8	2.1 Supervisory & Managerial Staff	482	382	53	256	36	111	80	360	150	836	8	9
9	2.2 Other Employees	428	277	18	199	31	62	69	213	125	276	14	13
10	3 Unpaid Family Members / Proprietor etc.	14	5	0	0	3	0	0	0	4	2	0	0
11	B . Total Man-days Employed (in '000)	921	689	88	542	134	107	140	577	359	1452	29	14
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	13852	7078	776	5965	1323	3076	896	6716	3341	23088	426	196
13	1 . Wages & Salaries including Bonus	12285	6617	696	5482	1283	2434	843	6032	2938	20185	401	182
14	1.1 Wages & Salaries	11929	6351	689	5362	1213	2403	835	5844	2746	19062	372	175
15	1.1.1 Workers	8503	3178	454	3410	1007	870	467	3742	1639	9069	219	71
16	1.1.2 Supervisory & Managerial Staff	2092	2563	197	1367	162	1216	271	1830	793	8702	128	69
17	1.1.3 Other Employees	1336	609	38	584	43	316	99	271	313	1291	25	35
18	1.2 Bonus to All Staff	356	266	7	120	70	31	8	188	192	1123	29	7
19	2 . Employers' Contribution	1567	461	80	483	40	642	53	684	403	2903	25	14

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) i-District wise details**

ERNAKULAM

Sl.No.	Characteristic	266	267	271	272	273	274	275	279	281	282	292
1	A . Average no. of Persons Engaged	77	172	2992	48	575	40	11	26	75	1050	26
2	1 . Workers	44	137	2140	34	429	6	8	24	43	717	16
3	1.1 Directly Employed	44	137	1841	34	423	6	8	24	36	717	16
4	1.1.1 Men	29	107	1326	20	354	3	8	2	29	702	16
5	1.1.2 Women	15	30	515	14	69	3	0	22	7	15	0
6	1.2 Employed through Contractors	0	0	299	0	6	0	0	0	7	0	0
7	2 Employees other than Workers	33	35	852	14	145	34	3	2	30	331	9
8	2.1 Supervisory & Managerial Staff	6	24	583	10	76	6	1	1	9	141	3
9	2.2 Other Employees	27	11	269	4	69	28	2	1	21	190	6
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	0	1	0	0	0	2	2	1
11	B . Total Man-days Employed (in '000)	21	51	905	13	172	10	3	7	20	292	5
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	239	876	18419	107	3070	154	24	24	160	7826	24
13	1 . Wages & Salaries including Bonus	223	740	15281	94	2723	125	23	18	137	6146	21
14	1.1 Wages & Salaries	218	702	14852	83	2679	120	23	18	135	5931	21
15	1.1.1 Workers	85	436	7818	48	1576	23	17	15	81	3313	14
16	1.1.2 Supervisory & Managerial Staff	60	195	5997	28	878	68	4	2	32	1747	4
17	1.1.3 Other Employees	73	72	1038	6	227	29	3	2	21	870	4
18	1.2 Bonus to All Staff	5	38	429	11	44	5	0	0	2	215	0
19	2 . Employers' Contribution	16	136	3138	13	347	29	1	6	23	1680	3

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	293	301	310	321	322	324	325	329	331	332	381	Others	Total
1	A . Average no. of Persons Engaged	15	6527	654	182	15	77	2633	170	455	552	54	3790	83614
2	1 . Workers	8	5949	549	131	12	70	1533	142	423	424	21	2542	64266
3	1.1 Directly Employed	8	1037	427	131	12	70	1533	142	296	308	0	2375	44731
4	1.1.1 Men	8	997	334	131	2	0	450	44	281	192	0	2243	31828
5	1.1.2 Women	0	40	93	0	10	70	1083	98	15	116	0	132	12903
6	1.2 Employed through Contractors	0	4912	122	0	0	0	0	0	127	116	21	167	19535
7	2 Employees other than Workers	7	572	93	50	3	7	1099	28	32	124	33	1247	19053
8	2.1 Supervisory & Managerial Staff	4	381	38	22	3	7	485	16	21	96	7	633	11059
9	2.2 Other Employees	3	191	55	28	0	0	614	12	11	28	26	614	7994
10	3 Unpaid Family Members / Proprietor etc.	0	6	12	1	0	0	1	0	0	4	0	1	295
11	B . Total Man-days Employed (in '000)	4	1807	175	20	4	21	794	32	125	175	16	1058	24785
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	34	37315	1344	175	29	107	9339	233	1096	6248	298	11117	398205
13	1 . Wages & Salaries including Bonus	31	33522	1234	161	27	93	8396	208	1022	4613	271	9523	336255
14	1.1 Wages & Salaries	28	30677	1187	161	24	84	8134	198	988	4041	262	9094	324593
15	1.1.1 Workers	15	17157	985	84	16	67	2664	140	893	1456	63	5391	174960
16	1.1.2 Supervisory & Managerial Staff	10	8172	103	41	8	17	2421	43	72	2089	106	2547	114054
17	1.1.3 Other Employees	4	5347	98	35	0	0	3050	15	24	497	93	1156	35569
18	1.2 Bonus to All Staff	3	2845	47	0	3	9	262	10	34	572	9	429	11662
19	2 . Employers' Contribution	3	3793	110	14	2	14	943	25	74	1635	27	1594	61950

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

IDUKKI

Sl. No	Characteristic	105	107	110	152	161	162	181	201	202	210	221	222	239	271	273	310	Others	Total
1	A . Average no. of Persons Engaged	62	5518	25	62	13	132	6	17	20	313	225	4	155	177	13	151	645	7538
2	1 . Workers	40	3779	16	23	9	110	3	7	6	186	150	4	103	81	9	71	438	5035
3	1.1 Directly Employed	40	3758	16	23	9	110	3	7	5	186	150	4	103	18	9	71	435	4947
4	1.1.1 Men	25	2473	10	14	7	49	2	7	5	105	117	0	99	7	9	50	435	3414
5	1.1.2 Women	15	1285	6	9	2	61	1	0	0	81	33	4	4	11	0	21	0	1533
6	1.2 Employed through Contractors	0	21	0	0	0	0	0	0	1	0	0	0	0	63	0	0	3	88
7	2 Employees other than Workers	22	1734	9	39	3	18	3	9	13	127	72	0	44	96	4	80	201	2474
8	2.1 Supervisory & Managerial Staff	3	607	4	11	2	9	2	4	13	47	54	0	18	94	2	18	66	954
9	2.2 Other Employees	19	1127	5	28	1	9	1	5	0	80	18	0	26	2	2	62	135	1520
10	3 Unpaid Family Members / Proprietor etc.	0	5	0	0	1	4	0	1	1	0	3	0	8	0	0	0	6	29
11	B . Total Man-days Employed (in '000)	18	1628	7	19	3	28	1	4	4	93	68	1	39	53	4	45	185	2200
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	159	21035	54	139	18	114	15	38	75	1664	487	3	473	578	29	390	1593	26864
13	1 . Wages & Salaries including Bonus	140	18029	53	129	17	108	15	33	64	1532	458	2	417	487	24	329	1541	23378
14	1.1 Wages & Salaries	137	16859	53	125	17	108	14	31	63	1421	454	2	404	444	23	329	1525	22009
15	1.1.1 Workers	108	6058	31	66	11	87	7	10	11	642	260	2	250	141	16	107	575	8382
16	1.1.2 Supervisory & Managerial Staff	14	7805	10	28	3	11	6	10	52	413	150	0	83	299	5	63	335	9287
17	1.1.3 Other Employees	16	2995	12	31	2	10	1	11	0	367	44	0	70	5	2	159	614	4339
18	1.2 Bonus to All Staff	3	1170	0	4	0	0	1	2	1	111	4	0	13	43	1	0	16	1369
19	2 . Employers' Contribution	19	3006	1	10	1	6	0	5	11	132	29	1	56	91	5	61	52	3486

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KOTTAYAM

Sl.No.	Characteristic	103	104	104	105	106	107	108	110	131	141	151	152	161
1	A . Average no. of Persons Engaged	13	44	379	733	1435	103	13	351	66	71	24	1468	113
2	1 . Workers	6	21	307	434	1029	74	9	310	43	53	14	1102	87
3	1.1 Directly Employed	6	20	275	434	925	74	0	310	43	53	14	1102	73
4	1.1.1 Men	3	16	137	209	236	74	0	199	24	14	9	819	42
5	1.1.2 Women	3	4	138	225	689	0	0	111	19	39	5	283	31
6	1.2 Employed through Contractors	0	1	32	0	104	0	9	0	0	0	0	0	14
7	2 Employees other than Workers	6	23	69	291	378	29	4	41	23	16	10	341	22
8	2.1 Supervisory & Managerial Staff	6	10	33	67	124	10	2	17	12	11	8	80	22
9	2.2 Other Employees	0	13	36	224	254	19	2	24	11	5	2	261	0
10	3 Unpaid Family Members / Proprietor etc.	1	0	3	8	28	0	0	0	0	2	0	25	4
11	B . Total Man-days Employed (in '000)	3	13	128	241	445	34	3	88	18	19	7	410	32
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	14	92	1351	2468	2601	940	25	632	146	136	35	4850	194
13	1 . Wages & Salaries including Bonus	12	90	1205	2308	2420	713	24	582	130	123	33	4429	183
14	1.1 Wages & Salaries	11	89	1173	2245	2369	635	24	571	124	123	31	4043	178
15	1.1.1 Workers	4	41	696	1170	1423	384	11	378	57	77	18	2042	122
16	1.1.2 Supervisory & Managerial Staff	7	27	365	205	560	135	8	175	41	34	11	330	56
17	1.1.3 Other Employees	0	21	107	871	388	115	4	19	26	12	2	1672	0
18	1.2 Bonus to All Staff	1	1	32	63	51	78	0	11	6	0	2	386	5
19	2 . Employers' Contribution	2	2	146	160	181	227	1	50	16	13	2	421	11

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KOTTAYAM

Sl.No.	Characteristic	162	170	181	192	201	202	210	221	222	239	243	259
1	A . Average no. of Persons Engaged	337	184	2599	45	151	96	529	5204	469	1094	101	60
2	1 . Workers	251	152	917	16	75	67	365	3801	281	586	78	44
3	1.1 Directly Employed	247	112	912	16	75	39	362	3205	281	447	46	44
4	1.1.1 Men	148	96	869	16	65	25	55	2786	268	427	39	44
5	1.1.2 Women	99	16	43	0	10	14	307	419	13	20	7	0
6	1.2 Employed through Contractors	4	40	5	0	0	28	3	596	0	139	32	0
7	2 Employees other than Workers	82	30	1677	29	76	27	163	1385	186	496	23	16
8	2.1 Supervisory & Managerial Staff	69	20	433	13	21	13	84	890	46	180	9	7
9	2.2 Other Employees	13	10	1244	16	55	14	79	495	140	316	14	9
10	3 Unpaid Family Members / Proprietor etc.	4	2	5	0	0	2	1	18	2	12	0	0
11	B . Total Man-days Employed (in '000)	83	57	889	12	44	25	171	1559	127	301	29	18
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	476	658	30382	101	465	268	1401	25295	2166	3421	277	200
13	1 . Wages & Salaries including Bonus	447	611	27522	95	417	232	1319	22443	2059	2999	261	189
14	1.1 Wages & Salaries	439	586	26768	92	380	227	1286	21794	1927	2927	258	186
15	1.1.1 Workers	294	354	6588	21	165	146	543	14420	620	1306	162	77
16	1.1.2 Supervisory & Managerial Staff	128	207	8949	42	71	45	566	5929	1058	905	60	76
17	1.1.3 Other Employees	17	26	11230	29	144	36	177	1443	251	715	36	33
18	1.2 Bonus to All Staff	8	25	754	3	37	5	33	649	132	72	3	3
19	2 . Employers' Contribution	29	47	2860	6	48	36	82	2852	107	422	16	11

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KOTTAYAM

Sl.No.	Characteristic	271	272	273	281	282	292	293	310	323	325	581	Others	Total
1	A . Average no. of Persons Engaged	90	25	9	33	94	64	30	150	31	37	768	1652	18665
2	1 . Workers	78	18	6	30	67	35	29	98	25	34	73	958	11573
3	1.1 Directly Employed	78	18	6	30	67	35	29	74	25	24	73	927	10501
4	1.1.1 Men	33	13	6	30	62	32	29	60	25	15	73	823	7821
5	1.1.2 Women	45	5	0	0	5	3	0	14	0	9	0	104	2680
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	24	0	10	0	31	1072
7	2 Employees other than Workers	12	5	3	3	26	29	0	52	6	3	695	694	6971
8	2.1 Supervisory & Managerial Staff	5	1	1	2	13	15	0	25	2	2	82	321	2656
9	2.2 Other Employees	7	4	2	1	13	14	0	27	4	1	613	373	4315
10	3 Unpaid Family Members / Proprietor etc.	0	2	0	0	1	0	1	0	0	0	0	0	121
11	B . Total Man-days Employed (in '000)	23	6	2	10	26	16	9	44	8	11	270	437	5618
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	148	44	17	65	261	187	57	354	129	151	1645	3658	85310
13	1 . Wages & Salaries including Bonus	134	39	16	59	242	147	54	311	107	139	1457	3335	76886
14	1.1 Wages & Salaries	132	39	16	56	221	147	52	302	103	139	1453	3137	74283
15	1.1.1 Workers	116	31	11	50	141	63	52	194	80	67	274	1675	33873
16	1.1.2 Supervisory & Managerial Staff	12	2	2	3	48	48	0	57	6	51	448	868	21535
17	1.1.3 Other Employees	3	6	3	2	33	36	0	52	17	21	731	595	18873
18	1.2 Bonus to All Staff	2	0	0	3	21	0	2	9	4	0	4	198	2603
19	2 . Employers' Contribution	14	5	1	6	19	40	3	43	22	12	188	323	8424

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

ALAPPUZHA

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	131	139	141	143	152
1	A . Average no. of Persons Engaged	7087	21	39	364	259	4032	271	104	1368	7466	44	34	34
2	1 . Workers	5842	17	27	267	229	3461	227	73	1260	6447	42	32	21
3	1.1 Directly Employed	5011	17	27	266	229	3461	102	48	1208	5201	42	32	21
4	1.1.1 Men	1219	15	22	204	40	1240	85	28	420	3793	0	0	6
5	1.1.2 Women	3792	2	5	62	189	2221	17	20	788	1408	42	32	15
6	1.2 Employed through Contractors	831	0	0	1	0	0	125	25	52	1246	0	0	0
7	2 Employees other than Workers	1229	3	12	96	26	541	44	30	106	972	2	2	13
8	2.1 Supervisory & Managerial Staff	440	2	5	22	14	290	12	10	42	347	1	1	9
9	2.2 Other Employees	789	1	7	74	12	251	32	20	64	625	1	1	4
10	3 Unpaid Family Members / Proprietor etc.	16	1	0	1	4	30	0	1	2	47	0	0	0
11	B . Total Man-days Employed (in '000)	1906	6	11	117	77	1099	81	28	382	2020	9	6	5
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	15051	31	70	1126	466	9547	802	269	2543	14812	45	34	28
13	1 . Wages & Salaries including Bonus	13091	29	66	1005	394	8826	688	239	2210	13033	38	25	26
14	1.1 Wages & Salaries	12534	29	63	985	361	8359	682	232	2082	11878	38	25	24
15	1.1.1 Workers	7802	12	36	730	254	5391	511	132	1781	8853	35	23	10
16	1.1.2 Supervisory & Managerial Staff	2362	13	18	107	83	2149	74	48	145	1877	2	0	11
17	1.1.3 Other Employees	2368	3	8	147	24	818	98	52	157	1148	2	2	3
18	1.2 Bonus to All Staff	557	0	3	20	33	467	6	7	128	1155	0	0	2
19	2 . Employers' Contribution	1960	2	4	121	72	721	114	30	333	1779	7	9	2

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

ALAPPUZHA

Sl.No.	Characteristic	161	162	170	181	201	202	210	221	222	239	241	243
1	A . Average no. of Persons Engaged	32	223	325	6	30	467	1185	170	234	294	50	445
2	1 . Workers	23	178	261	4	22	413	1011	120	158	249	39	338
3	1.1 Directly Employed	23	170	239	4	16	159	903	120	158	171	30	338
4	1.1.1 Men	23	127	152	3	15	86	394	87	136	140	23	338
5	1.1.2 Women	0	43	87	1	1	73	509	33	22	31	7	0
6	1.2 Employed through Contractors	0	8	22	0	6	254	108	0	0	78	9	0
7	2 Employees other than Workers	3	45	56	0	8	54	172	50	70	10	11	107
8	2.1 Supervisory & Managerial Staff	0	18	34	0	4	41	42	28	34	10	6	68
9	2.2 Other Employees	3	27	22	0	4	13	130	22	36	0	5	39
10	3 Unpaid Family Members / Proprietor etc.	6	0	8	2	0	0	2	0	6	35	0	0
11	B . Total Man-days Employed (in '000)	6	38	89	0	9	137	344	43	64	66	14	129
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	42	252	487	4	74	1067	2839	315	744	476	106	1530
13	1 . Wages & Salaries including Bonus	37	243	452	4	57	954	2586	278	627	474	97	1227
14	1.1 Wages & Salaries	32	232	435	4	56	923	2520	268	607	466	93	1192
15	1.1.1 Workers	27	130	315	4	37	597	1975	163	238	446	51	729
16	1.1.2 Supervisory & Managerial Staff	0	48	90	0	12	132	214	83	297	21	32	356
17	1.1.3 Other Employees	5	52	29	0	8	194	331	23	71	0	10	107
18	1.2 Bonus to All Staff	5	11	17	0	1	31	66	10	20	8	4	35
19	2 . Employers' Contribution	5	9	35	0	17	113	253	37	117	2	9	303

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

ALAPPUZHA

Sl.No.	Characteristic	251	259	265	271	273	279	281	282	291	301	310	329	331	Others	Total
1	A . Average no. of Persons Engaged	225	156	293	286	24	86	232	139	11	92	105	477	23	1816	28549
2	1 . Workers	190	118	205	223	24	75	177	122	9	76	69	386	20	1501	23956
3	1.1 Directly Employed	152	118	205	223	24	0	113	122	9	76	69	376	20	1291	20794
4	1.1.1 Men	125	72	105	158	3	0	109	118	9	64	59	327	20	1036	10801
5	1.1.2 Women	27	46	100	65	21	0	4	4	0	12	10	49	0	255	9993
6	1.2 Employed through Contractors	38	0	0	0	0	75	64	0	0	0	0	10	0	210	3162
7	2 Employees other than Workers	31	36	88	62	0	11	55	17	1	14	34	89	3	301	4404
8	2.1 Supervisory & Managerial Staff	18	24	23	18	0	5	17	8	0	6	19	17	1	158	1794
9	2.2 Other Employees	13	12	65	44	0	6	38	9	1	8	15	72	2	143	2610
10	3 Unpaid Family Members / Proprietor etc.	4	2	0	1	0	0	0	0	1	2	2	2	0	14	189
11	B . Total Man-days Employed (in '000)	66	40	87	73	5	26	66	40	2	24	19	126	6	490	7756
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	778	220	942	611	17	529	655	347	11	260	117	663	35	3524	61469
13	1 . Wages & Salaries including Bonus	728	198	750	500	13	468	630	305	11	244	108	637	33	3039	54370
14	1.1 Wages & Salaries	719	192	731	484	12	468	583	300	10	235	104	621	32	2948	51559
15	1.1.1 Workers	321	139	415	310	12	409	422	251	9	160	70	507	26	2056	35389
16	1.1.2 Supervisory & Managerial Staff	51	39	146	68	0	42	71	34	0	41	27	28	3	648	9372
17	1.1.3 Other Employees	347	14	171	104	0	17	88	14	1	34	6	86	3	244	6789
18	1.2 Bonus to All Staff	9	6	19	16	1	0	47	5	1	9	4	16	1	91	2811
19	2 . Employers' Contribution	50	22	192	111	4	61	25	42	0	16	9	26	2	485	7099

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

PATHANAMTHITTA

Sl.No.	Characteristic	104	105	106	107	110	139	152	161	162	181	201	202
1	A . Average no. of Persons Engaged	19	449	126	1724	151	64	16	53	66	12	16	18
2	1 . Workers	12	358	119	1460	123	50	12	46	51	9	7	13
3	1.1 Directly Employed	12	358	119	1460	16	50	12	46	51	9	7	13
4	1.1.1 Men	10	204	87	523	12	20	3	41	46	4	6	10
5	1.1.2 Women	2	154	32	937	4	30	9	5	5	5	1	3
6	1.2 Employed through Contractors	0	0	0	0	107	0	0	0	0	0	0	0
7	2 Employees other than Workers	7	89	6	246	24	12	2	6	13	3	5	4
8	2.1 Supervisory & Managerial Staff	3	38	1	107	10	6	1	4	9	1	1	2
9	2.2 Other Employees	4	51	5	139	14	6	1	2	4	2	4	2
10	3 Unpaid Family Members / Proprietor etc.	0	2	1	18	4	2	2	1	2	0	4	1
11	B . Total Man-days Employed (in '000)	6	136	37	468	41	19	3	14	18	3	2	5
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	32	1248	312	3418	422	120	14	132	161	16	12	53
13	1 . Wages & Salaries including Bonus	30	1100	289	2926	307	118	13	113	149	13	12	52
14	1.1 Wages & Salaries	29	1079	286	2496	263	118	12	104	143	13	12	51
15	1.1.1 Workers	18	741	267	1896	177	77	9	89	106	7	4	22
16	1.1.2 Supervisory & Managerial Staff	6	201	6	305	57	26	2	9	27	3	2	23
17	1.1.3 Other Employees	4	139	13	296	30	14	1	5	10	3	6	6
18	1.2 Bonus to All Staff	1	21	3	430	44	0	1	9	6	0	0	1
19	2 . Employers' Contribution	2	148	23	492	115	2	1	19	12	3	0	1

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

PATHANAMTHITTA

Sl.No.	Characteristic	210	221	222	239	241	251	259	271	274	310	325	Others	Total
1	A . Average no. of Persons Engaged	38	204	52	2944	66	41	20	23	12	28	30	1073	7245
2	1 . Workers	29	152	37	2336	59	26	12	16	10	17	24	830	5808
3	1.1 Directly Employed	29	152	37	2298	59	26	12	16	10	17	24	813	5646
4	1.1.1 Men	8	128	37	2263	59	21	11	16	10	17	3	779	4318
5	1.1.2 Women	21	24	0	35	0	5	1	0	0	0	21	34	1328
6	1.2 Employed through Contractors	0	0	0	38	0	0	0	0	0	0	0	17	162
7	2 Employees other than Workers	8	52	15	586	7	13	5	7	2	8	5	243	1368
8	2.1 Supervisory & Managerial Staff	2	36	9	284	5	5	2	2	0	2	3	178	711
9	2.2 Other Employees	6	16	6	302	2	8	3	5	2	6	2	65	657
10	3 Unpaid Family Members / Proprietor etc.	1	0	0	22	0	2	3	0	0	3	1	0	69
11	B . Total Man-days Employed (in '000)	10	60	13	780	18	8	4	6	1	7	7	310	1976
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	43	685	115	10177	148	61	28	51	5	66	44	2431	19794
13	1 . Wages & Salaries including Bonus	43	510	92	9351	143	56	23	50	5	63	39	2253	17750
14	1.1 Wages & Salaries	42	419	91	8980	137	54	22	47	5	61	36	2160	16660
15	1.1.1 Workers	33	281	61	4425	109	28	16	22	4	31	27	1581	10031
16	1.1.2 Supervisory & Managerial Staff	4	122	25	2745	22	15	3	10	0	10	4	437	4064
17	1.1.3 Other Employees	7	17	6	1812	7	11	2	15	1	20	4	142	2571
18	1.2 Bonus to All Staff	1	91	1	371	6	2	1	3	0	2	3	93	1090
19	2 . Employers' Contribution	0	175	23	826	5	5	5	1	0	3	5	178	2044

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KOLLAM

Sl.No.	Characteristic	102	103	104	105	106	107	108	110	131	139	141	161
1	A . Average no. of Persons Engaged	844	13	1127	554	209	31813	69	55	256	30	171	166
2	1 . Workers	718	10	1008	433	142	29450	62	45	207	25	150	113
3	1.1 Directly Employed	718	10	728	433	142	29450	62	45	158	25	150	113
4	1.1.1 Men	172	4	531	290	40	1852	62	36	41	5	15	102
5	1.1.2 Women	546	6	197	143	102	27598	0	9	117	20	135	11
6	1.2 Employed through Contractors	0	0	280	0	0	0	0	0	49	0	0	0
7	2 Employees other than Workers	122	3	118	121	66	2194	6	6	27	5	20	21
8	2.1 Supervisory & Managerial Staff	59	1	52	32	12	765	2	2	11	2	9	10
9	2.2 Other Employees	63	2	66	89	54	1429	4	4	16	3	11	11
10	3 Unpaid Family Members / Proprietor etc.	4	0	1	0	1	169	1	4	22	0	1	32
11	B . Total Man-days Employed (in '000)	247	4	333	185	53	7510	14	10	60	8	34	31
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1611	23	3664	2056	469	39678	83	43	770	60	142	161
13	1 . Wages & Salaries including Bonus	1371	21	3167	1815	440	34531	81	40	517	55	124	151
14	1.1 Wages & Salaries	1266	21	2773	1794	435	29304	76	38	513	52	123	138
15	1.1.1 Workers	937	11	2293	1225	154	24683	62	32	493	36	104	98
16	1.1.2 Supervisory & Managerial Staff	206	6	301	337	160	2532	8	2	10	7	10	29
17	1.1.3 Other Employees	120	4	179	233	120	2097	5	4	10	9	9	11
18	1.2 Bonus to All Staff	105	0	394	21	5	5227	5	2	4	3	1	13
19	2 . Employers' Contribution	240	2	497	241	29	5147	2	3	253	5	18	10

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KOLLAM

Sl.No.	Characteristic	162	170	181	192	201	202	210	221	222	239	242	243	251	259
1	A . Average no. of Persons Engaged	100	26	63	135	1784	217	146	408	342	1229	116	13	64	75
2	1 . Workers	84	11	52	125	1479	178	124	316	246	1000	100	11	40	67
3	1.1 Directly Employed	84	11	36	125	1479	178	124	316	246	659	100	11	40	67
4	1.1.1 Men	72	9	21	125	1479	172	84	216	237	474	100	7	40	45
5	1.1.2 Women	12	2	15	0	0	6	40	100	9	185	0	4	0	22
6	1.2 Employed through Contractors	0	0	16	0	0	0	0	0	0	341	0	0	0	0
7	2 Employees other than Workers	12	11	7	10	305	36	22	92	93	134	15	1	23	6
8	2.1 Supervisory & Managerial Staff	8	4	5	5	222	10	14	66	45	109	8	0	4	4
9	2.2 Other Employees	4	7	2	5	83	26	8	26	48	25	7	1	19	2
10	3 Unpaid Family Members / Proprietor etc.	4	4	4	0	0	3	0	0	3	95	1	1	1	2
11	B . Total Man-days Employed (in '000)	20	5	14	41	637	55	44	122	90	320	40	1	16	20
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	129	50	103	1557	20103	331	272	1028	1225	3697	730	7	79	153
13	1 . Wages & Salaries including Bonus	128	41	79	1406	17265	309	269	943	925	3452	692	7	79	142
14	1.1 Wages & Salaries	114	35	69	1314	16826	301	262	846	871	3382	685	7	79	134
15	1.1.1 Workers	93	14	64	999	11884	217	212	556	442	3023	515	7	48	108
16	1.1.2 Supervisory & Managerial Staff	14	5	3	210	4343	43	36	247	297	304	140	0	7	23
17	1.1.3 Other Employees	7	16	2	105	599	40	13	41	133	55	30	1	23	2
18	1.2 Bonus to All Staff	14	6	10	92	439	8	7	97	54	70	7	0	0	8
19	2 . Employers' Contribution	1	9	24	151	2838	22	3	85	300	245	38	0	0	11

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

KOLLAM

Sl.No.	Characteristic	271	281	282	292	301	303	310	321	324	331	Others	Total
1	A . Average no. of Persons Engaged	553	223	8	6	9	72	34	7	88	11	2648	43684
2	1 . Workers	449	197	4	4	7	62	24	6	75	4	2046	39074
3	1.1 Directly Employed	449	197	4	4	7	62	24	6	75	4	2041	38383
4	1.1.1 Men	358	89	4	4	7	62	23	6	0	4	1787	8575
5	1.1.2 Women	91	108	0	0	0	0	1	0	75	0	254	29808
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	0	0	0	5	691
7	2 Employees other than Workers	104	26	2	1	1	10	7	0	13	7	583	4230
8	2.1 Supervisory & Managerial Staff	32	16	0	1	1	6	7	0	7	3	425	1959
9	2.2 Other Employees	72	10	2	0	0	4	0	0	6	4	158	2271
10	3 Unpaid Family Members / Proprietor etc.	0	0	2	1	1	0	3	1	0	0	19	380
11	B . Total Man-days Employed (in '000)	140	60	1	2	2	16	7	1	18	2	763	10926
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1703	497	2	8	11	157	35	5	137	19	5972	86770
13	1 . Wages & Salaries including Bonus	1209	481	2	8	11	138	33	5	124	17	5538	75616
14	1.1 Wages & Salaries	1185	477	2	8	11	135	29	5	115	17	5293	68735
15	1.1.1 Workers	786	273	1	5	9	98	20	5	92	4	3780	53383
16	1.1.2 Supervisory & Managerial Staff	198	188	0	3	2	32	8	0	16	8	1229	10964
17	1.1.3 Other Employees	200	16	1	0	0	5	0	0	7	5	280	4382
18	1.2 Bonus to All Staff	24	4	0	0	0	3	4	0	9	0	245	6881
19	2 . Employers' Contribution	494	16	0	0	0	19	2	0	13	2	434	11154

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

THIRUVANANTHAPURAM

Sl.No.	Characteristic	102	103	104	105	106	107	110	131	139	141	161	162	170
1	A . Average no. of Persons Engaged	73	15	76	683	119	2746	23	653	156	327	4	239	77
2	1 . Workers	47	7	72	458	99	2415	18	588	139	320	2	206	61
3	1.1 Directly Employed	47	7	63	241	99	2381	18	588	139	320	2	188	61
4	1.1.1 Men	23	0	5	130	97	432	5	298	72	31	2	90	31
5	1.1.2 Women	24	7	58	111	2	1949	13	290	67	289	0	98	30
6	1.2 Employed through Contractors	0	0	9	217	0	34	0	0	0	0	0	18	0
7	2 Employees other than Workers	26	7	4	223	19	296	5	65	17	7	2	33	14
8	2.1 Supervisory & Managerial Staff	17	2	2	79	9	94	5	36	5	3	0	19	10
9	2.2 Other Employees	9	5	2	144	10	202	0	29	12	4	2	14	4
10	3 Unpaid Family Members / Proprietor etc.	0	1	0	2	1	35	0	0	0	0	0	0	2
11	B . Total Man-days Employed (in '000)	22	4	24	235	39	600	6	178	38	42	1	69	21
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	137	28	77	3583	394	3095	63	1186	277	142	2	523	214
13	1 . Wages & Salaries including Bonus	130	25	77	3191	357	2803	56	1072	249	134	2	505	195
14	1.1 Wages & Salaries	125	24	77	3160	339	2396	53	1048	234	133	2	492	181
15	1.1.1 Workers	58	7	65	1816	250	1898	34	863	178	122	2	390	83
16	1.1.2 Supervisory & Managerial Staff	50	5	7	846	53	145	19	131	29	8	0	82	93
17	1.1.3 Other Employees	16	11	6	498	35	349	0	55	27	2	0	20	5
18	1.2 Bonus to All Staff	5	1	0	31	18	407	3	24	15	1	0	13	14
19	2 . Employers' Contribution	7	3	0	392	37	292	7	114	28	8	0	18	19

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

THIRUVANANTHAPURAM

Sl.No.	Characteristic	181	201	202	210	221	222	231	239	243	251	259	261	262	263
1	A . Average no. of Persons Engaged	434	686	72	863	1555	2078	51	1732	9	64	10	402	389	121
2	1 . Workers	268	314	21	318	1405	1555	25	1232	4	23	7	339	299	117
3	1.1 Directly Employed	223	297	21	297	470	934	25	629	4	23	7	211	171	16
4	1.1.1 Men	204	281	0	178	338	697	25	603	4	20	4	89	114	11
5	1.1.2 Women	19	16	21	119	132	237	0	26	0	3	3	122	57	5
6	1.2 Employed through Contractors	45	17	0	21	935	621	0	603	0	0	0	128	128	101
7	2 Employees other than Workers	163	372	51	545	146	523	25	493	5	39	3	63	90	4
8	2.1 Supervisory & Managerial Staff	92	85	10	48	116	432	14	225	3	23	1	49	27	4
9	2.2 Other Employees	71	287	41	497	30	91	11	268	2	16	2	14	63	0
10	3 Unpaid Family Members / Proprietor etc.	3	0	0	0	4	0	1	7	0	2	0	0	0	0
11	B . Total Man-days Employed (in '000)	134	204	20	253	465	617	16	466	3	17	3	102	101	31
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	2347	11596	275	3027	6076	10232	145	6594	27	182	20	2034	1280	2233
13	1 . Wages & Salaries including Bonus	1951	9829	259	2761	4728	8635	135	5707	22	164	18	1708	1000	1875
14	1.1 Wages & Salaries	1783	9689	247	2718	4545	8335	130	5517	22	157	17	1622	983	1832
15	1.1.1 Workers	681	2587	57	678	3100	4462	52	3160	11	44	12	1105	691	416
16	1.1.2 Supervisory & Managerial Staff	888	3602	91	394	1286	3441	46	1715	8	84	2	401	139	1416
17	1.1.3 Other Employees	214	3500	98	1645	160	431	32	641	4	29	3	116	153	0
18	1.2 Bonus to All Staff	168	140	12	43	183	300	5	190	0	7	1	86	17	43
19	2 . Employers' Contribution	396	1767	16	266	1348	1597	10	887	5	18	2	326	280	358

**Table T.31: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 3-digit Industry group (NIC 2008) -District wise details**

THIRUVANANTHAPURAM

Sl.No.	Characteristic	264	266	271	274	275	279	281	282	301	303	309	310	325	331	Others	Total
1	A . Average no. of Persons Engaged	64	65	73	26	49	31	31	1	30	783	102	104	157	259	2521	17953
2	1 . Workers	32	49	46	21	43	24	21	0	23	672	69	76	118	193	1964	13710
3	1.1 Directly Employed	32	49	46	21	38	24	21	0	15	389	69	72	118	114	1872	10362
4	1.1.1 Men	25	39	35	10	23	12	18	0	15	375	56	68	46	114	1833	6453
5	1.1.2 Women	7	10	11	11	15	12	3	0	0	14	13	4	72	0	39	3909
6	1.2 Employed through Contractors	0	0	0	0	5	0	0	0	8	283	0	4	0	79	92	3348
7	2 Employees other than Workers	32	16	27	5	6	7	9	0	7	111	33	28	38	66	553	4178
8	2.1 Supervisory & Managerial Staff	2	16	11	4	3	6	5	0	4	90	10	11	14	11	323	1920
9	2.2 Other Employees	30	0	16	1	3	1	4	0	3	21	23	17	24	55	230	2258
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	0	0	0	1	1	0	0	0	0	1	0	4	65
11	B . Total Man-days Employed (in '000)	16	16	21	7	14	9	8	0	8	233	28	24	37	71	673	4876
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	554	465	391	37	102	44	78	0	80	3969	384	276	201	2141	9174	73685
13	1 . Wages & Salaries including Bonus	509	432	340	33	92	38	76	0	77	3367	357	240	165	2007	8493	63814
14	1.1 Wages & Salaries	509	400	340	25	90	38	71	0	77	3192	357	235	156	2002	8045	61398
15	1.1.1 Workers	168	203	163	22	75	31	45	0	58	2116	188	137	110	1415	3901	31454
16	1.1.2 Supervisory & Managerial Staff	49	197	116	2	11	4	16	0	14	894	125	48	20	155	3570	20202
17	1.1.3 Other Employees	292	0	61	1	4	3	10	0	5	182	44	48	26	432	578	9736
18	1.2 Bonus to All Staff	0	32	0	8	2	0	5	0	0	175	0	5	9	5	448	2416
19	2 . Employers' Contribution	45	33	51	4	10	6	2	0	3	602	27	36	36	134	681	9871

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KASARAGOD

Sl.No.	Characteristic	1040	1050	1079	1101	1104	1200	1311	1312	1394	1410	1610	1621	1709
1	A . Average no. of Persons Engaged	112	20	200	68	9	8388	118	56	16	63	69	162	14
2	1 . Workers	88	13	170	59	7	8095	109	48	11	59	45	114	9
3	1.1 Directly Employed	88	3	156	12	7	2242	104	48	11	59	45	68	9
4	1.1.1 Men	51	0	24	6	3	25	72	9	0	3	42	38	3
5	1.1.2 Women	37	3	132	6	4	2217	32	39	11	56	3	30	6
6	1.2 Employed through Contractors	0	10	14	47	0	5853	5	0	0	0	0	46	0
7	2 Employees other than Workers	24	7	27	9	2	150	9	8	4	4	18	44	5
8	2.1 Supervisory & Managerial Staff	16	2	8	6	1	40	2	3	1	2	12	25	3
9	2.2 Other Employees	8	5	19	3	1	110	7	5	3	2	6	19	2
10	3 Unpaid Family Members / Proprietor etc.	0	0	3	0	0	143	0	0	1	0	6	4	0
11	B . Total Man-days Employed (in '000)	29	5	55	21	2	1463	31	14	1	17	14	43	4
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	340	46	425	137	6	5317	223	75	10	58	84	238	20
13	1 . Wages & Salaries including Bonus	229	42	380	123	6	4830	193	67	10	50	84	231	20
14	1.1 Wages & Salaries	214	42	348	122	6	4309	186	60	9	45	83	227	19
15	1.1.1 Workers	117	25	239	83	4	4130	152	36	5	38	52	114	10
16	1.1.2 Supervisory & Managerial Staff	80	8	32	29	1	66	28	11	2	4	25	67	6
17	1.1.3 Other Employees	17	9	76	9	1	112	5	14	2	3	6	45	3
18	1.2 Bonus to All Staff	15	0	32	1	0	521	7	7	1	5	1	4	1
19	2 . Employers' Contribution	111	4	45	14	0	487	30	8	0	8	0	7	0

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KASARAGOD

Sl.No.	Characteristic	1811	1910	2219	2220	2395	2396	2410	2599	3100	Others	Total
1	A . Average no. of Persons Engaged	11	1	14	21	64	3	15	15	52	864	10355
2	1 . Workers	6	0	9	11	44	0	0	11	24	560	9492
3	1.1 Directly Employed	6	0	9	11	44	0	0	0	14	442	3378
4	1.1.1 Men	3	0	8	5	33	0	0	0	14	437	776
5	1.1.2 Women	3	0	1	6	11	0	0	0	0	5	2602
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	11	10	118	6114
7	2 Employees other than Workers	4	0	5	10	20	0	15	4	24	304	697
8	2.1 Supervisory & Managerial Staff	1	0	2	7	6	0	6	2	7	153	305
9	2.2 Other Employees	3	0	3	3	14	0	9	2	17	151	392
10	3 Unpaid Family Members / Proprietor etc.	1	1	0	0	0	3	0	0	4	0	166
11	B . Total Man-days Employed (in '000)	3	0	3	6	17	0	3	4	13	239	1987
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	27	0	42	83	222	0	32	35	89	1942	9451
13	1 . Wages & Salaries including Bonus	27	0	40	76	205	0	27	35	85	1827	8587
14	1.1 Wages & Salaries	26	0	39	73	185	0	27	35	84	1750	7889
15	1.1.1 Workers	16	0	19	21	90	0	0	26	44	1073	6294
16	1.1.2 Supervisory & Managerial Staff	3	0	12	44	57	0	15	6	13	360	869
17	1.1.3 Other Employees	6	0	8	7	38	0	12	3	28	317	721
18	1.2 Bonus to All Staff	1	0	1	3	20	0	0	0	1	77	698
19	2 . Employers' Contribution	0	0	2	7	17	0	5	0	4	115	864

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KANNUR

Sl.No.	Characteristic	1010	1030	1040	1050	1061	1071	1079	1080	1101	1104	1200	1311	1312	1313	1391	1392
1	A . Average no. of Persons Engaged	3	27	134	535	235	135	240	11	63	32	2214	1030	1459	67	82	318
2	1 . Workers	3	20	114	390	201	117	213	5	40	22	2167	895	1321	52	56	271
3	1.1 Directly Employed	3	20	114	215	201	117	213	5	40	22	1795	882	1321	52	56	271
4	1.1.1 Men	2	1	61	133	111	45	90	5	10	10	72	605	453	38	8	60
5	1.1.2 Women	1	19	53	82	90	72	123	0	30	12	1723	277	868	14	48	211
6	1.2 Employed through Contractors	0	0	0	175	0	0	0	0	0	0	372	13	0	0	0	0
7	2 Employees other than Workers	0	7	20	145	32	18	27	6	23	9	37	130	128	15	26	42
8	2.1 Supervisory & Managerial Staff	0	5	11	37	14	12	27	2	8	4	28	58	69	10	12	9
9	2.2 Other Employees	0	2	9	108	18	6	0	4	15	5	9	72	59	5	14	33
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	0	2	0	0	0	0	1	10	5	10	0	0	5
11	B . Total Man-days Employed (in '000)	0	7	32	173	67	36	65	1	17	9	540	207	377	19	21	83
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1	44	194	1654	428	237	531	8	258	32	2310	2425	2223	180	382	583
13	1 . Wages & Salaries including Bonus	1	39	164	1458	389	210	460	8	231	27	2056	2190	1888	154	342	465
14	1.1 Wages & Salaries	1	38	159	1430	373	203	415	8	223	27	1944	2155	1722	154	329	391
15	1.1.1 Workers	1	20	114	834	285	149	361	5	64	18	1887	1955	1444	98	75	274
16	1.1.2 Supervisory & Managerial Staff	0	16	27	229	45	45	54	1	113	4	48	138	167	45	206	61
17	1.1.3 Other Employees	0	3	18	368	44	8	0	3	46	5	9	60	111	10	48	57
18	1.2 Bonus to All Staff	0	1	5	28	16	7	45	0	8	0	112	35	166	0	13	74
19	2 . Employers' Contribution	0	5	30	196	39	27	71	0	27	5	254	235	335	26	40	118

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KANNUR

Sl.No.	Characteristic	1394	1410	1430	1512	1520	1610	1621	1622	1702	1709	1811	1920	2012	2013
1	A . Average no. of Persons Engaged	20	1438	22	13	117	343	1101	24	1	11	113	20	9	33
2	1 . Workers	15	1329	14	11	81	307	889	19	1	8	95	9	4	26
3	1.1 Directly Employed	15	1257	14	10	81	307	745	19	1	8	90	9	4	26
4	1.1.1 Men	5	17	8	0	33	119	537	5	1	2	61	9	4	26
5	1.1.2 Women	10	1240	6	10	48	188	208	14	0	6	29	0	0	0
6	1.2 Employed through Contractors	0	72	0	1	0	0	144	0	0	0	5	0	0	0
7	2 Employees other than Workers	5	109	8	2	36	24	192	5	0	1	18	11	5	7
8	2.1 Supervisory & Managerial Staff	5	31	2	2	14	24	147	5	0	1	11	1	1	3
9	2.2 Other Employees	0	78	6	0	22	0	45	0	0	0	7	10	4	4
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	0	0	12	20	0	0	2	0	0	0	0
11	B . Total Man-days Employed (in '000)	4	374	6	3	33	84	266	7	0	2	34	6	2	7
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	20	1852	41	12	360	458	1986	30	0	20	331	64	38	84
13	1 . Wages & Salaries including Bonus	15	1608	28	12	311	365	1741	28	0	18	258	55	34	76
14	1.1 Wages & Salaries	13	1482	28	11	305	320	1720	28	0	16	244	52	33	75
15	1.1.1 Workers	9	1243	18	9	156	291	1282	20	0	13	181	26	10	41
16	1.1.2 Supervisory & Managerial Staff	4	91	5	2	59	30	361	7	0	3	43	2	9	24
17	1.1.3 Other Employees	0	148	5	0	89	0	77	0	0	0	21	23	14	10
18	1.2 Bonus to All Staff	2	126	0	1	6	45	21	0	0	2	14	3	1	1
19	2 . Employers' Contribution	5	244	13	0	49	93	245	2	0	2	73	9	4	8

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KANNUR

Sl.No.	Characteristic	2022	2029	2100	2219	2220	2310	2392	2395	2396	2410	2511	2512	2520	2599
1	A . Average no. of Persons Engaged	12	12	156	111	190	22	180	84	1815	2	23	6	15	38
2	1 . Workers	6	6	113	83	161	12	135	54	1593	0	14	3	10	28
3	1.1 Directly Employed	6	6	113	83	161	12	135	31	1179	0	14	3	6	26
4	1.1.1 Men	3	5	48	79	138	6	69	16	1151	0	11	3	6	21
5	1.1.2 Women	3	1	65	4	23	6	66	15	28	0	3	0	0	5
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	23	414	0	0	0	4	2
7	2 Employees other than Workers	6	6	43	26	25	10	39	30	205	0	7	3	5	9
8	2.1 Supervisory & Managerial Staff	4	3	10	11	17	2	22	13	108	0	1	0	1	4
9	2.2 Other Employees	2	3	33	15	8	8	17	17	97	0	6	3	4	5
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	2	4	0	6	0	17	2	2	0	0	1
11	B . Total Man-days Employed (in '000)	3	3	43	29	80	6	44	23	470	0	6	2	4	10
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	12	65	463	239	685	63	327	313	5260	0	45	14	21	126
13	1 . Wages & Salaries including Bonus	12	47	409	217	594	59	289	277	5071	0	39	14	20	120
14	1.1 Wages & Salaries	12	46	402	208	548	56	281	277	5050	0	39	14	20	115
15	1.1.1 Workers	5	10	169	139	455	21	213	79	3808	0	22	9	12	36
16	1.1.2 Supervisory & Managerial Staff	4	26	113	35	82	14	39	98	855	0	9	0	1	67
17	1.1.3 Other Employees	2	10	120	34	11	20	30	100	388	0	8	5	7	11
18	1.2 Bonus to All Staff	0	1	7	9	46	3	8	0	21	0	0	0	0	5
19	2 . Employers' Contribution	0	18	54	22	91	4	38	36	189	0	6	0	1	6

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KANNUR

Sl. No.	Characteristic	2610	2710	2720	2821	2825	2829	3011	3100	3212	3230	3250	Others	Total
1	A . Average no. of Persons Engaged	475	1	9	49	19	38	65	749	19	25	112	1378	15455
2	1 . Workers	425	0	8	33	15	35	54	630	16	23	56	1031	13239
3	1.1 Directly Employed	372	0	8	33	15	35	7	630	16	23	56	1015	11898
4	1.1.1 Men	227	0	5	27	15	33	7	481	7	7	17	984	5897
5	1.1.2 Women	145	0	3	6	0	2	0	149	9	16	39	31	6001
6	1.2 Employed through Contractors	53	0	0	0	0	0	47	0	0	0	0	16	1341
7	2 Employees other than Workers	50	0	0	16	2	3	11	109	3	2	56	341	2095
8	2.1 Supervisory & Managerial Staff	45	0	0	4	0	3	9	52	0	2	5	157	1026
9	2.2 Other Employees	5	0	0	12	2	0	2	57	3	0	51	184	1069
10	3 Unpaid Family Members / Proprietor etc.	0	1	1	0	2	0	0	10	0	0	0	6	121
11	B . Total Man-days Employed (in '000)	119	0	2	14	4	10	16	187	4	6	31	365	3963
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1895	0	9	247	22	50	145	2050	27	47	286	3608	32805
13	1 . Wages & Salaries including Bonus	1676	0	9	223	22	40	135	1765	27	43	249	3274	29262
14	1.1 Wages & Salaries	1676	0	9	222	22	39	133	1716	26	39	221	3149	28219
15	1.1.1 Workers	1132	0	9	166	20	34	92	1212	20	29	107	2149	20831
16	1.1.2 Supervisory & Managerial Staff	391	0	0	43	0	4	35	305	0	10	36	635	4641
17	1.1.3 Other Employees	152	0	0	13	2	0	6	199	6	0	78	362	2741
18	1.2 Bonus to All Staff	0	0	0	1	0	1	2	49	1	4	28	125	1043
19	2 . Employers' Contribution	219	0	0	24	0	10	10	285	0	4	37	334	3543

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

WAYANAD

Sl.No.	Characteristic	1010	1050	1071	1079	1520	1610	1621	1629
1	A . Average no. of Persons Engaged	114	258	155	1785	166	17	38	9
2	1 . Workers	92	184	92	1457	135	12	34	7
3	1.1 Directly Employed	92	89	92	1457	135	12	34	7
4	1.1.1 Men	75	61	64	928	135	12	20	3
5	1.1.2 Women	17	28	28	529	0	0	14	4
6	1.2 Employed through Contractors	0	95	0	0	0	0	0	0
7	2 Employees other than Workers	22	73	63	324	31	2	3	2
8	2.1 Supervisory & Managerial Staff	7	14	26	209	14	1	2	1
9	2.2 Other Employees	15	59	37	115	17	1	1	1
10	3 Unpaid Family Members / Proprietor etc.	0	1	0	4	0	3	1	0
11	B . Total Man-days Employed (in '000)	34	94	48	660	50	2	9	2
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	290	1103	425	7527	416	10	40	13
13	1 . Wages & Salaries including Bonus	254	1014	405	5940	370	10	40	13
14	1.1 Wages & Salaries	253	1007	390	5865	347	10	39	13
15	1.1.1 Workers	195	649	169	3787	255	7	31	7
16	1.1.2 Supervisory & Managerial Staff	23	173	105	1885	58	1	7	5
17	1.1.3 Other Employees	35	184	115	195	34	2	1	1
18	1.2 Bonus to All Staff	1	7	15	75	23	0	1	0
19	2 . Employers' Contribution	36	89	20	1587	46	0	0	0

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

WAYANAD

Sl.No.	Characteristic	1811	2023	2029	2100	2220	2392	2396	Others	Total
1	A . Average no. of Persons Engaged	28	343	1	42	16	36	141	253	3402
2	1 . Workers	24	298	0	21	8	33	113	181	2691
3	1.1 Directly Employed	24	4	0	21	8	33	113	181	2302
4	1.1.1 Men	13	2	0	7	6	22	113	163	1624
5	1.1.2 Women	11	2	0	14	2	11	0	18	678
6	1.2 Employed through Contractors	0	294	0	0	0	0	0	0	389
7	2 Employees other than Workers	2	45	0	19	8	3	22	72	691
8	2.1 Supervisory & Managerial Staff	1	21	0	5	5	3	6	30	345
9	2.2 Other Employees	1	24	0	14	3	0	16	42	346
10	3 Unpaid Family Members / Proprietor etc.	2	0	1	2	0	0	6	0	20
11	B . Total Man-days Employed (in '000)	7	104	0	12	5	11	35	70	1143
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	40	625	0	61	41	28	262	431	11312
13	1 . Wages & Salaries including Bonus	38	573	0	58	41	28	231	379	9394
14	1.1 Wages & Salaries	37	552	0	56	41	28	227	367	9232
15	1.1.1 Workers	34	357	0	23	13	24	177	236	5964
16	1.1.2 Supervisory & Managerial Staff	1	125	0	8	23	4	15	63	2496
17	1.1.3 Other Employees	2	69	0	24	5	0	34	67	768
18	1.2 Bonus to All Staff	1	21	0	2	0	0	4	12	162
19	2 . Employers' Contribution	2	52	0	3	0	0	31	52	1918

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOZHIKODE

Sl.No.	Characteristic	1020	1030	1040	1050	1061	1071	1079	1080	1101	1200	1311
1	A . Average no. of Persons Engaged	50	106	165	306	339	72	32	6	151	187	528
2	1 . Workers	44	50	147	255	253	44	28	4	136	167	471
3	1.1 Directly Employed	44	50	135	167	170	44	28	4	18	167	447
4	1.1.1 Men	35	7	57	132	168	40	4	4	9	13	137
5	1.1.2 Women	9	43	78	35	2	4	24	0	9	154	310
6	1.2 Employed through Contractors	0	0	12	88	83	0	0	0	118	0	24
7	2 Employees other than Workers	5	51	18	51	85	28	4	2	15	20	57
8	2.1 Supervisory & Managerial Staff	1	11	15	30	22	8	4	1	8	10	44
9	2.2 Other Employees	4	40	3	21	63	20	0	1	7	10	13
10	3 Unpaid Family Members / Proprietor etc.	1	5	0	0	1	0	0	0	0	0	0
11	B . Total Man-days Employed (in '000)	8	30	40	107	102	11	5	1	37	56	147
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	106	282	217	1794	1380	311	22	6	296	267	969
13	1 . Wages & Salaries including Bonus	90	246	202	1486	1247	54	20	6	282	215	822
14	1.1 Wages & Salaries	88	220	196	1478	1176	54	20	6	264	190	778
15	1.1.1 Workers	76	75	154	1049	696	32	19	2	217	160	666
16	1.1.2 Supervisory & Managerial Staff	3	66	37	348	261	7	2	3	28	16	91
17	1.1.3 Other Employees	8	78	6	80	220	15	0	1	19	14	20
18	1.2 Bonus to All Staff	2	26	6	8	71	0	0	0	18	25	44
19	2 . Employers' Contribution	16	36	15	308	133	257	2	0	14	52	147

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOZHIKODE

Sl.No.	Characteristic	1312	1394	1410	1520	1610	1621	1702	1811	1920	2022	2023
1	A . Average no. of Persons Engaged	176	207	44	3228	84	73	242	163	33	24	467
2	1 . Workers	142	195	41	2768	74	53	217	125	28	14	115
3	1.1 Directly Employed	142	195	41	2768	74	53	217	125	16	14	107
4	1.1.1 Men	24	0	10	2337	69	20	40	121	16	11	46
5	1.1.2 Women	118	195	31	431	5	33	177	4	0	3	61
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	0	12	0	8
7	2 Employees other than Workers	29	12	3	425	0	15	19	38	5	8	350
8	2.1 Supervisory & Managerial Staff	15	12	1	164	0	5	13	8	4	3	9
9	2.2 Other Employees	14	0	2	261	0	10	6	30	1	5	341
10	3 Unpaid Family Members / Proprietor etc.	5	0	0	35	10	5	6	0	0	2	2
11	B . Total Man-days Employed (in '000)	38	50	12	851	8	15	71	46	10	6	135
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	198	130	137	6648	33	53	341	289	87	46	1143
13	1 . Wages & Salaries including Bonus	174	122	107	5831	33	50	304	248	87	42	1068
14	1.1 Wages & Salaries	145	111	103	5504	33	47	304	226	87	39	1059
15	1.1.1 Workers	97	93	61	4156	33	31	236	166	67	21	206
16	1.1.2 Supervisory & Managerial Staff	35	17	36	718	0	9	64	8	17	11	246
17	1.1.3 Other Employees	12	0	6	632	0	7	3	52	3	7	608
18	1.2 Bonus to All Staff	29	11	4	327	0	3	0	22	0	3	9
19	2 . Employers' Contribution	24	8	30	817	0	3	37	41	0	4	75

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOZHIKODE

Sl.No.	Characteristic	2100	2219	2220	2392	2395	2410	2431	2511	2599	2660	2720
1	A . Average no. of Persons Engaged	156	223	155	700	106	382	787	102	5	44	68
2	1 . Workers	116	184	131	632	39	296	605	84	3	34	45
3	1.1 Directly Employed	116	184	131	624	39	46	232	33	3	19	45
4	1.1.1 Men	33	160	42	611	39	46	231	4	2	15	29
5	1.1.2 Women	83	24	89	13	0	0	1	29	1	4	16
6	1.2 Employed through Contractors	0	0	0	8	0	250	373	51	0	15	0
7	2 Employees other than Workers	40	36	12	43	67	86	180	18	2	10	22
8	2.1 Supervisory & Managerial Staff	13	16	3	18	19	52	136	12	2	1	12
9	2.2 Other Employees	27	20	9	25	48	34	44	6	0	9	10
10	3 Unpaid Family Members / Proprietor etc.	0	3	12	25	0	0	2	0	0	0	1
11	B . Total Man-days Employed (in '000)	46	64	33	161	31	112	234	26	1	10	17
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	410	593	157	1612	323	1547	3992	215	4	194	165
13	1 . Wages & Salaries including Bonus	392	474	153	1455	296	1391	3399	182	4	133	143
14	1.1 Wages & Salaries	381	457	153	1409	296	1332	3181	175	4	130	137
15	1.1.1 Workers	200	334	138	1270	93	462	1100	116	2	94	76
16	1.1.2 Supervisory & Managerial Staff	49	73	1	70	88	799	1968	49	2	5	39
17	1.1.3 Other Employees	131	50	13	68	115	70	113	11	0	30	22
18	1.2 Bonus to All Staff	11	17	0	46	0	59	218	7	0	3	6
19	2 . Employers' Contribution	18	119	4	157	27	156	593	33	0	61	22

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOZHIKODE

Sl.No.	Characteristic	2829	3030	3100	3250	3312	3314	3319	3830	5813	Others	Total
1	A . Average no. of Persons Engaged	73	44	88	28	8	12	7	7	1761	2747	14186
2	1 . Workers	58	42	54	9	6	0	6	6	553	1966	10240
3	1.1 Directly Employed	55	42	54	9	6	0	6	6	549	1931	9156
4	1.1.1 Men	44	42	44	8	6	0	6	6	537	1930	7135
5	1.1.2 Women	11	0	10	1	0	0	0	0	12	1	2021
6	1.2 Employed through Contractors	3	0	0	0	0	0	0	0	4	35	1084
7	2 Employees other than Worker	14	2	32	19	1	12	1	0	1208	776	3821
8	2.1 Supervisory & Managerial Staff	6	2	6	2	0	0	0	0	248	345	1281
9	2.2 Other Employees	8	0	26	17	1	12	1	0	960	431	2540
10	3 Unpaid Family Members / Proprietor etc.	1	0	2	0	1	0	0	1	0	5	125
11	B . Total Man-days Employed (in '000)	19	11	24	8	2	3	2	1	619	728	3938
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	284	125	106	87	16	49	7	6	12942	6543	44132
13	1 . Wages & Salaries including Bonus	267	112	98	85	16	28	7	6	10786	5921	38084
14	1.1 Wages & Salaries	238	111	97	85	15	28	6	6	10649	5653	36671
15	1.1.1 Workers	128	91	43	21	14	0	5	6	2576	3236	18318
16	1.1.2 Supervisory & Managerial Staff	98	20	10	16	0	0	0	0	3259	1483	10052
17	1.1.3 Other Employees	12	0	45	47	1	28	1	0	4813	936	8297
18	1.2 Bonus to all Staff	29	1	1	0	1	0	1	0	137	268	1413
19	2 . Employer's Contribution etc.	17	13	8	2	0	21	0	0	2156	622	6048

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

MALAPPURAM

Sl.No.	Characteristic	1030	1040	1050	1061	1071	1075	1079	1080	1104	1200	1311
1	A . Average no. of Persons Engaged	66	417	248	214	51	51	504	40	14	15	520
2	1 . Workers	42	205	166	150	37	37	411	28	11	7	468
3	1.1 Directly Employed	42	185	166	100	37	24	411	28	11	7	461
4	1.1.1 Men	24	167	100	49	15	14	62	28	5	7	357
5	1.1.2 Women	18	18	66	51	22	10	349	0	6	0	104
6	1.2 Employed through Contractors	0	20	0	50	0	13	0	0	0	0	7
7	2 Employees other than Worker	20	211	82	64	14	14	86	12	2	0	51
8	2.1 Supervisory & Managerial Staff	12	25	28	35	7	4	35	7	2	0	26
9	2.2 Other Employees	8	186	54	29	7	10	51	5	0	0	25
10	3 Unpaid Family Members / Proprietor etc.	4	1	0	0	0	0	7	0	1	8	1
11	B . Total Man-days Employed (in '000)	15	125	74	64	7	16	151	10	3	2	150
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	85	1497	856	699	29	146	839	75	7	9	1611
13	1 . Wages & Salaries including Bonus	81	1367	783	642	27	130	783	72	7	9	1330
14	1.1 Wages & Salaries	81	1301	775	615	27	123	778	72	7	9	1270
15	1.1.1 Workers	42	331	293	345	18	74	538	40	5	9	1068
16	1.1.2 Supervisory & Managerial Staff	26	538	353	185	7	25	123	25	2	0	139
17	1.1.3 Other Employees	12	433	128	86	2	23	117	9	0	0	63
18	1.2 Bonus to all Staff	0	66	8	27	0	7	5	0	0	0	60
19	2 . Employer's Contribution etc.	4	130	73	57	2	16	56	3	0	0	281

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

MALAPPURAM

Sl.No.	Characteristic	1312	1392	1410	1430	1520	1610	1621	1629	1702	1709	1811
1	A . Average no. of Persons Engaged	9	16	1062	1	670	71	92	39	164	23	53
2	1 . Workers	7	11	833	0	524	37	74	35	110	15	38
3	1.1 Directly Employed	7	11	830	0	492	37	74	35	110	15	38
4	1.1.1 Men	0	8	372	0	394	23	74	25	63	4	38
5	1.1.2 Women	7	3	458	0	98	14	0	10	47	11	0
6	1.2 Employed through Contractors	0	0	3	0	32	0	0	0	0	0	0
7	2 Employees other than Worker	2	5	226	0	135	19	18	2	47	4	15
8	2.1 Supervisory & Managerial Staff	1	4	166	0	65	5	2	0	22	0	5
9	2.2 Other Employees	1	1	60	0	70	14	16	2	25	4	10
10	3 Unpaid Family Members / Proprietor etc.	0	0	3	1	11	15	0	2	7	4	0
11	B . Total Man-days Employed (in '000)	2	5	290	0	183	16	23	9	31	6	19
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	6	25	1804	0	1424	97	144	37	248	24	373
13	1 . Wages & Salaries including Bonus	6	20	1698	0	1242	97	138	35	206	22	334
14	1.1 Wages & Salaries	6	19	1698	0	1194	97	138	34	193	22	326
15	1.1.1 Workers	4	11	1151	0	826	61	92	31	96	15	186
16	1.1.2 Supervisory & Managerial Staff	1	6	412	0	233	9	15	0	74	0	34
17	1.1.3 Other Employees	1	2	138	0	138	27	31	3	22	7	107
18	1.2 Bonus to all Staff	0	1	0	0	48	0	0	1	13	0	8
19	2 . Employer's Contribution etc.	0	5	106	0	182	0	6	2	42	2	39

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

MALAPPURAM

Sl.No.	Characteristic	1920	2011	2012	2100	2211	2219	2220	2391	2392	2396	2511	2599
1	A . Average no. of Persons Engaged	190	13	8	964	189	116	242	427	192	266	27	9
2	1 . Workers	152	8	4	733	161	81	117	343	171	154	19	7
3	1.1 Directly Employed	20	8	4	733	48	66	117	343	171	98	19	7
4	1.1.1 Men	20	8	0	610	38	52	99	343	145	98	12	6
5	1.1.2 Women	0	0	4	123	10	14	18	0	26	0	7	1
6	1.2 Employed through Contractors	132	0	0	0	113	15	0	0	0	56	0	0
7	2 Employees other than Worker	38	3	3	227	28	35	121	84	14	105	7	1
8	2.1 Supervisory & Managerial Staff	11	1	1	84	15	14	61	21	4	35	6	1
9	2.2 Other Employees	27	2	2	143	13	21	60	63	10	70	1	0
10	3 Unpaid Family Members / Proprietor etc.	0	2	1	4	0	0	4	0	7	7	1	1
11	B . Total Man-days Employed (in '000)	57	3	2	307	52	34	65	106	49	76	7	2
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1238	21	9	4021	551	374	626	1466	330	637	57	15
13	1 . Wages & Salaries including Bonus	1026	20	9	3383	473	321	557	1198	300	567	56	12
14	1.1 Wages & Salaries	1015	19	9	3256	460	299	517	1177	287	557	56	12
15	1.1.1 Workers	725	13	5	2317	314	176	198	974	244	273	39	10
16	1.1.2 Supervisory & Managerial Staff	243	3	0	456	118	44	178	107	26	117	15	2
17	1.1.3 Other Employees	47	3	4	483	28	79	140	96	18	166	1	0
18	1.2 Bonus to all Staff	11	1	0	127	13	22	40	21	13	10	0	0
19	2 . Employer's Contribution etc.	212	1	0	638	78	53	69	268	30	70	1	3

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

MALAPPURAM

Sl.No.	Characteristic	2610	2710	2733	2790	2920	2930	3030	3100	3211	5813	Others	Total
1	A . Average no. of Persons Engaged	83	33	21	9	5	47	8	588	172	96	1098	9143
2	1 . Workers	46	21	12	7	4	37	6	448	131	33	745	6686
3	1.1 Directly Employed	46	13	12	7	4	37	4	448	97	33	727	6183
4	1.1.1 Men	33	13	3	4	4	20	4	448	92	33	722	4636
5	1.1.2 Women	13	0	9	3	0	17	0	0	5	0	5	1547
6	1.2 Employed through Contractors	0	8	0	0	0	0	2	0	34	0	18	503
7	2 Employees other than Worker	37	12	9	2	1	9	2	130	40	63	353	2353
8	2.1 Supervisory & Managerial Staff	21	7	6	1	1	6	1	42	8	3	129	930
9	2.2 Other Employees	16	5	3	1	0	3	1	88	32	60	224	1423
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	0	0	1	0	10	1	0	0	104
11	B . Total Man-days Employed (in '000)	21	9	5	2	1	12	2	167	46	34	291	2551
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	334	202	72	13	9	128	22	939	348	482	2665	24594
13	1 . Wages & Salaries including Bonus	271	153	66	13	9	112	18	900	336	435	2259	21523
14	1.1 Wages & Salaries	263	149	64	12	9	111	17	900	311	435	2165	20885
15	1.1.1 Workers	115	69	21	9	7	74	12	623	193	133	1353	13133
16	1.1.2 Supervisory & Managerial Staff	95	54	37	1	1	32	3	100	60	23	341	4263
17	1.1.3 Other Employees	53	26	7	2	0	5	2	179	57	278	471	3494
18	1.2 Bonus to all Staff	8	4	2	1	0	1	1	0	25	0	94	638
19	2 . Employer's Contribution etc.	63	49	6	0	0	16	4	39	12	47	406	3071

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

PALAKKAD

Sl.No.	Characteristic	1020	1030	1040	1050	1061	1074	1079	1080	1101	1103	1104
1	A . Average no. of Persons Engaged	80	49	103	514	902	210	147	209	646	457	29
2	1 . Workers	54	33	93	436	670	196	112	165	462	428	17
3	1.1 Directly Employed	54	33	41	167	600	70	112	60	227	276	17
4	1.1.1 Men	54	10	18	78	502	49	112	59	27	194	13
5	1.1.2 Women	0	23	23	89	98	21	0	1	200	82	4
6	1.2 Employed through Contractors	0	0	52	269	70	126	0	105	235	152	0
7	2 Employees other than Worker	26	16	6	78	225	14	35	44	184	29	10
8	2.1 Supervisory & Managerial Staff	8	6	2	41	91	7	28	26	115	28	6
9	2.2 Other Employees	18	10	4	37	134	7	7	18	69	1	4
10	3 Unpaid Family Members / Proprietor etc.	0	0	4	0	7	0	0	0	0	0	2
11	B . Total Man-days Employed (in '000)	15	12	26	168	256	52	43	61	155	86	6
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	112	50	135	1784	1734	263	384	809	1462	1396	33
13	1 . Wages & Salaries including Bonus	93	45	116	1592	1634	250	315	679	1234	1266	25
14	1.1 Wages & Salaries	90	42	115	1567	1593	240	312	662	1234	1215	23
15	1.1.1 Workers	52	25	104	1090	989	216	132	448	680	797	13
16	1.1.2 Supervisory & Managerial Staff	18	8	4	349	354	14	168	134	410	417	7
17	1.1.3 Other Employees	21	9	7	128	250	10	13	80	143	1	3
18	1.2 Bonus to all Staff	3	3	1	25	41	10	3	17	0	51	2
19	2 . Employer's Contribution etc.	19	5	19	192	100	13	69	130	228	130	8

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

PALAKKAD

Sl.No.	Characteristic	1311	1313	1394	1410	1610	1621	1702	1811	1920	2011	2012
1	A . Average no. of Persons Engaged	1195	276	96	136	378	389	226	120	224	30	52
2	1 . Workers	1037	222	74	108	294	326	194	99	186	18	37
3	1.1 Directly Employed	537	123	74	108	294	326	133	91	69	18	37
4	1.1.1 Men	395	88	32	62	150	183	114	43	69	11	37
5	1.1.2 Women	142	35	42	46	144	143	19	48	0	7	0
6	1.2 Employed through Contractors	500	99	0	0	0	0	61	8	117	0	0
7	2 Employees other than Worker	157	53	16	26	60	45	28	21	38	8	15
8	2.1 Supervisory & Managerial Staff	92	19	8	16	24	11	17	10	20	4	15
9	2.2 Other Employees	65	34	8	10	36	34	11	11	18	4	0
10	3 Unpaid Family Members / Proprietor etc.	1	1	6	2	24	18	4	0	0	4	0
11	B . Total Man-days Employed (in '000)	394	99	24	38	80	95	62	32	62	7	14
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	3834	806	128	223	412	480	531	376	788	28	104
13	1 . Wages & Salaries including Bonus	3340	680	123	218	380	440	456	351	767	28	100
14	1.1 Wages & Salaries	3086	635	114	213	361	423	434	348	751	27	98
15	1.1.1 Workers	2269	462	92	144	274	348	317	245	496	16	49
16	1.1.2 Supervisory & Managerial Staff	608	94	13	53	33	28	98	77	175	6	49
17	1.1.3 Other Employees	210	79	8	14	54	45	21	27	79	5	0
18	1.2 Bonus to all Staff	254	45	9	5	19	17	22	3	16	1	2
19	2 . Employer's Contribution etc.	494	126	5	5	32	40	75	25	21	0	4

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

PALAKKAD

Sl.No.	Characteristic	2021	2023	2029	2030	2100	2219	2220	2310	2391	2392	2394	2395	2396
1	A . Average no. of Persons Engaged	15	306	21	1	906	1234	1774	184	401	151	1039	74	2135
2	1 . Workers	12	219	18	0	728	1006	1490	155	238	128	882	69	1717
3	1.1 Directly Employed	12	219	18	0	579	743	1117	115	238	73	425	69	1029
4	1.1.1 Men	7	30	9	0	318	718	983	108	238	50	382	41	1029
5	1.1.2 Women	5	189	9	0	261	25	134	7	0	23	43	28	0
6	1.2 Employed through Contractors	0	0	0	0	149	263	373	40	0	55	457	0	688
7	2 Employees other than Worker	3	81	0	0	173	217	269	29	163	18	157	5	418
8	2.1 Supervisory & Managerial Staff	1	24	0	0	86	125	114	14	163	9	76	5	189
9	2.2 Other Employees	2	57	0	0	87	92	155	15	0	9	81	0	229
10	3 Unpaid Family Members / Proprietor etc.	0	6	3	1	5	11	15	0	0	5	0	0	0
11	B . Total Man-days Employed (in '000)	3	85	4	0	291	363	505	56	146	37	368	20	584
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	23	548	17	0	3292	3310	4203	438	3535	253	6639	105	7879
13	1 . Wages & Salaries including Bonus	18	412	15	0	2832	3007	3626	385	2850	253	5338	93	7100
14	1.1 Wages & Salaries	18	396	13	0	2628	2922	3487	365	2622	253	4933	88	6878
15	1.1.1 Workers	14	257	13	0	1688	1756	2400	287	660	194	3768	77	3997
16	1.1.2 Supervisory & Managerial Staff	2	59	0	0	668	958	795	46	1961	32	945	11	2422
17	1.1.3 Other Employees	2	81	0	0	270	209	291	31	0	27	220	0	460
18	1.2 Bonus to all Staff	0	16	2	0	204	85	139	20	228	0	405	5	222
19	2 . Employer's Contribution etc.	5	136	2	0	460	303	577	53	685	0	1301	12	779

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

PALAKKAD

Sl.No.	Characteristic	2410	2420	2431	2511	2593	2599	2610	2630	2660	2710	2720	2732	2740
1	A . Average no. of Persons Engaged	1202	387	73	346	517	214	43	314	154	55	79	23	32
2	1 . Workers	862	332	55	290	413	178	28	95	94	37	62	18	21
3	1.1 Directly Employed	221	113	38	176	413	178	28	95	6	27	62	18	21
4	1.1.1 Men	221	76	38	176	342	178	4	32	2	6	27	11	11
5	1.1.2 Women	0	37	0	0	71	0	24	63	4	21	35	7	10
6	1.2 Employed through Contractors	641	219	17	114	0	0	0	0	88	10	0	0	0
7	2 Employees other than Worker	336	54	18	56	80	36	15	219	60	16	15	5	11
8	2.1 Supervisory & Managerial Staff	101	17	11	22	26	16	11	180	60	7	10	3	6
9	2.2 Other Employees	235	37	7	34	54	20	4	39	0	9	5	2	5
10	3 Unpaid Family Members / Proprietor etc.	4	1	0	0	24	0	0	0	0	2	2	0	0
11	B . Total Man-days Employed (in '000)	337	90	21	103	133	55	11	82	44	13	20	6	8
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	2006	881	301	662	801	471	53	3218	628	121	93	74	57
13	1 . Wages & Salaries including Bonus	1710	795	274	620	721	423	47	2317	602	109	80	67	52
14	1.1 Wages & Salaries	1689	795	268	613	641	394	46	2301	601	104	77	61	51
15	1.1.1 Workers	995	632	126	477	522	302	23	497	195	64	50	31	23
16	1.1.2 Supervisory & Managerial Staff	399	80	124	81	54	61	20	1637	406	25	20	26	21
17	1.1.3 Other Employees	295	84	19	54	66	31	3	168	0	16	6	4	7
18	1.2 Bonus to all Staff	21	0	6	7	80	29	1	16	1	5	3	6	1
19	2 . Employer's Contribution etc.	296	86	27	42	80	48	6	901	26	12	13	7	5

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

PALAKKAD

Sl.No.	Characteristic	2790	2812	2813	2819	2821	2829	2920	3100	3250	3290	3821	Others	Total
1	A . Average no. of Persons Engaged	5	2	412	47	20	48	25	321	627	7	24	1047	20733
2	1 . Workers	5	0	285	36	15	47	17	270	469	4	2	708	16266
3	1.1 Directly Employed	5	0	145	36	15	47	10	270	469	4	2	586	11089
4	1.1.1 Men	0	0	142	36	14	47	10	270	412	0	2	519	8789
5	1.1.2 Women	5	0	3	0	1	0	0	0	57	4	0	67	2300
6	1.2 Employed through Contractors	0	0	140	0	0	0	7	0	0	0	0	122	5177
7	2 Employees other than Worker	0	2	127	9	5	1	8	45	158	1	21	334	4299
8	2.1 Supervisory & Managerial Staff	0	0	63	3	2	1	4	33	78	1	2	149	2206
9	2.2 Other Employees	0	2	64	6	3	0	4	12	80	0	19	185	2093
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	2	0	0	0	6	0	2	1	5	168
11	B . Total Man-days Employed (in '000)	1	0	109	11	5	12	7	92	171	1	6	284	5871
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	4	0	2040	79	98	63	67	616	1951	3	53	2417	62871
13	1 . Wages & Salaries including Bonus	4	0	1680	67	81	61	64	578	1782	3	49	2224	54471
14	1.1 Wages & Salaries	4	0	1565	67	79	61	63	563	1730	3	49	2147	52158
15	1.1.1 Workers	4	0	863	52	37	57	34	277	911	2	2	1328	31873
16	1.1.2 Supervisory & Managerial Staff	0	0	424	6	19	3	24	270	615	2	14	480	15827
17	1.1.3 Other Employees	0	0	278	9	23	0	5	17	204	0	33	341	4461
18	1.2 Bonus to all Staff	0	0	115	0	2	0	1	15	52	0	0	77	2313
19	2 . Employer's Contribution etc.	0	0	360	12	17	2	3	38	169	0	4	193	8400

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THRISSUR

Sl.No.	Characteristic	1020	1030	1040	1050	1061	1071	1079	1080	1101	1103	1104	1200
1	A . Average no. of Persons Engaged	77	74	538	433	3489	648	438	1433	512	1	90	163
2	1 . Workers	49	62	400	343	3132	619	341	1241	418	0	78	97
3	1.1 Directly Employed	34	62	187	313	3088	282	304	385	176	0	45	73
4	1.1.1 Men	26	2	112	117	1878	155	231	369	76	0	36	33
5	1.1.2 Women	8	60	75	196	1210	127	73	16	100	0	9	40
6	1.2 Employed through Contractors	15	0	213	30	44	337	37	856	242	0	33	24
7	2 Employees other than Worker	28	12	135	87	355	24	97	192	93	0	6	64
8	2.1 Supervisory & Managerial Staff	13	10	37	46	180	16	61	89	52	0	6	7
9	2.2 Other Employees	15	2	98	41	175	8	36	103	41	0	0	57
10	3 Unpaid Family Members / Proprietor etc.	0	0	3	3	2	5	0	0	1	1	6	2
11	B . Total Man-days Employed (in '000)	25	21	158	147	1099	182	127	446	122	9	22	35
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	277	85	1578	1316	7649	1340	1289	6525	1352	98	98	255
13	1 . Wages & Salaries including Bonus	240	79	1459	1100	6901	1168	1226	5407	1162	98	96	177
14	1.1 Wages & Salaries	236	76	1250	1054	6615	1119	1217	4993	1104	98	93	176
15	1.1.1 Workers	81	52	786	720	5056	999	371	3681	679	49	79	103
16	1.1.2 Supervisory & Managerial Staff	135	22	237	264	1198	109	659	861	305	35	13	14
17	1.1.3 Other Employees	22	1	228	70	363	11	187	450	119	14	0	58
18	1.2 Bonus to all Staff	4	3	209	46	286	49	9	414	58	0	3	1
19	2 . Employer's Contribution etc.	37	6	119	216	748	172	63	1118	190	0	2	78

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THRISSUR

Sl.No.	Characteristic	1311	1312	1392	1394	1410	1520	1610	1621	1629	1701	1702	1811	1812
1	A . Average no. of Persons Engaged	1384	28	11	30	151	75	106	20	12	5	201	1068	99
2	1 . Workers	1170	26	8	28	76	61	85	12	8	0	172	628	88
3	1.1 Directly Employed	1170	26	8	28	76	61	85	12	8	0	167	248	88
4	1.1.1 Men	477	4	3	3	15	35	60	12	4	0	115	226	44
5	1.1.2 Women	693	22	5	25	61	26	25	0	4	0	52	22	44
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	0	0	0	5	380	0
7	2 Employees other than Worker	212	2	3	2	73	12	15	8	0	0	29	434	11
8	2.1 Supervisory & Managerial Staff	71	2	2	2	11	5	9	8	0	0	15	54	11
9	2.2 Other Employees	141	0	1	0	62	7	6	0	0	0	14	380	0
10	3 Unpaid Family Members / Proprietor etc.	2	0	0	0	2	2	6	0	4	5	0	6	0
11	B . Total Man-days Employed (in '000)	372	7	3	7	33	20	26	4	2	0	52	317	29
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	4407	45	12	30	201	123	109	26	12	0	320	1607	180
13	1 . Wages & Salaries including Bonus	2999	43	12	29	170	97	106	25	11	0	280	1477	159
14	1.1 Wages & Salaries	2942	36	12	27	164	95	103	25	11	0	261	1465	141
15	1.1.1 Workers	2189	32	8	23	96	74	74	13	7	0	216	745	115
16	1.1.2 Supervisory & Managerial Staff	384	4	3	3	25	19	21	12	4	0	26	162	26
17	1.1.3 Other Employees	370	0	1	0	44	2	8	0	0	0	20	559	0
18	1.2 Bonus to all Staff	57	7	0	2	6	2	3	0	0	0	19	12	18
19	2 . Employer's Contribution etc.	1408	2	0	1	31	26	3	1	1	0	40	130	21

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THRISSUR

Sl.No.	Characteristic	1920	2011	2012	2022	2023	2100	2211	2219	2220	2310	2392
1	A . Average no. of Persons Engaged	9	51	7	68	197	2699	2028	762	3378	153	1283
2	1 . Workers	5	44	4	34	170	1836	1873	638	2812	116	1076
3	1.1 Directly Employed	5	22	0	34	115	1412	1449	575	2394	113	1031
4	1.1.1 Men	4	16	0	22	46	704	1447	365	1725	111	351
5	1.1.2 Women	1	6	0	12	69	708	2	210	669	2	680
6	1.2 Employed through Contractors	0	22	4	0	55	424	424	63	418	3	45
7	2 Employees other than Worker	4	7	3	31	27	858	145	124	551	37	137
8	2.1 Supervisory & Managerial Staff	3	7	2	12	23	312	145	102	323	12	113
9	2.2 Other Employees	1	0	1	19	4	546	0	22	228	25	24
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	3	0	5	10	0	15	0	70
11	B . Total Man-days Employed (in '000)	3	15	2	18	54	778	630	222	985	44	316
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	34	100	35	131	584	7682	17355	1812	8346	276	1921
13	1 . Wages & Salaries including Bonus	33	96	32	128	511	6499	14073	1558	7547	269	1657
14	1.1 Wages & Salaries	33	94	29	125	485	6252	13216	1456	7085	259	1489
15	1.1.1 Workers	8	76	3	61	236	3122	12270	1084	4633	173	1201
16	1.1.2 Supervisory & Managerial Staff	22	17	14	34	190	2010	946	299	1630	50	244
17	1.1.3 Other Employees	2	0	11	30	60	1121	0	74	820	36	40
18	1.2 Bonus to all Staff	0	2	3	3	26	247	857	102	462	10	168
19	2 . Employer's Contribution etc.	1	4	3	3	73	1183	3282	254	799	7	264

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THRISSUR

Sl.No.	Characteristic	2393	2395	2396	2410	2420	2431	2511	2513	2591	2592	2599
1	A . Average no. of Persons Engaged	5	119	666	112	55	126	179	42	232	130	219
2	1 . Workers	0	99	524	83	31	90	153	39	188	88	176
3	1.1 Directly Employed	0	99	64	79	31	90	153	39	166	88	176
4	1.1.1 Men	0	30	52	69	21	82	98	39	154	56	102
5	1.1.2 Women	0	69	12	10	10	8	55	0	12	32	74
6	1.2 Employed through Contractors	0	0	460	4	0	0	0	0	22	0	0
7	2 Employees other than Worker	0	15	142	26	23	34	26	3	44	37	23
8	2.1 Supervisory & Managerial Staff	0	15	53	23	3	25	26	3	36	19	23
9	2.2 Other Employees	0	0	89	3	20	9	0	0	8	18	0
10	3 Unpaid Family Members / Proprietor etc.	5	5	0	3	1	2	0	0	0	5	20
11	B . Total Man-days Employed (in '000)	0	27	158	31	14	37	59	12	65	33	50
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	0	149	950	185	78	627	394	76	1404	300	255
13	1 . Wages & Salaries including Bonus	0	126	928	175	68	596	345	75	1138	281	225
14	1.1 Wages & Salaries	0	123	921	169	66	579	344	75	1076	281	221
15	1.1.1 Workers	0	102	702	114	29	197	270	65	670	139	190
16	1.1.2 Supervisory & Managerial Staff	0	21	118	53	10	355	73	10	366	83	31
17	1.1.3 Other Employees	0	0	99	2	27	27	0	0	40	60	0
18	1.2 Bonus to all Staff	0	3	7	6	2	17	1	0	62	0	4
19	2 . Employer's Contribution etc.	0	23	22	10	10	31	49	1	266	19	30

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THRISSUR

Sl.No.	Characteristic	2610	2640	2710	2720	2732	2740	2790	2812	2814	2817	2819	2822
1	A . Average no. of Persons Engaged	46	24	40	56	4	6	166	318	22	6	30	51
2	1 . Workers	28	11	35	36	2	4	144	158	20	6	15	32
3	1.1 Directly Employed	28	11	35	36	2	4	106	71	4	6	15	32
4	1.1.1 Men	0	0	8	25	2	3	55	70	4	4	11	32
5	1.1.2 Women	28	11	27	11	0	1	51	1	0	2	4	0
6	1.2 Employed through Contractors	0	0	0	0	0	0	38	87	16	0	0	0
7	2 Employees other than Worker	18	13	4	19	0	1	19	160	0	0	11	6
8	2.1 Supervisory & Managerial Staff	4	11	2	10	0	1	8	8	0	0	2	6
9	2.2 Other Employees	14	2	2	9	0	0	11	152	0	0	9	0
10	3 Unpaid Family Members / Proprietor etc.	0	0	1	1	2	1	3	0	2	0	4	13
11	B . Total Man-days Employed (in '000)	13	6	11	13	0	1	43	96	6	1	7	10
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	174	25	63	128	2	4	288	2826	28	8	43	48
13	1 . Wages & Salaries including Bonus	163	22	55	124	2	4	246	2520	27	7	42	48
14	1.1 Wages & Salaries	156	20	51	113	2	4	234	2512	27	7	41	48
15	1.1.1 Workers	50	7	41	55	2	3	170	599	27	7	20	40
16	1.1.2 Supervisory & Managerial Staff	79	10	4	43	0	1	40	118	0	0	7	8
17	1.1.3 Other Employees	26	3	5	14	0	0	24	1795	0	0	13	0
18	1.2 Bonus to all Staff	7	2	4	11	0	0	12	8	0	0	1	0
19	2 . Employer's Contribution etc.	11	3	8	4	0	0	42	306	1	1	1	0

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THRISSUR

Sl.No.	Characteristic	2825	2829	2920	2930	3011	3100	3211	3250	3290	3311	3312	3314	Others	Total
1	A . Average no. of Persons Engaged	651	126	49	73	1	172	863	301	14	3	18	6	3784	30436
2	1 . Workers	553	112	43	59	0	146	686	252	10	2	16	1	3316	24908
3	1.1 Directly Employed	553	112	43	59	0	128	423	112	6	0	16	1	3299	20163
4	1.1.1 Men	528	105	43	48	0	58	338	79	6	0	16	0	2310	13272
5	1.1.2 Women	25	7	0	11	0	70	85	33	0	0	0	1	989	6891
6	1.2 Employed through Contractors	0	0	0	0	0	18	263	140	4	2	0	0	17	4745
7	2 Employees other than Worker	98	14	6	14	0	18	174	47	2	1	1	5	455	5277
8	2.1 Supervisory & Managerial Staff	59	5	3	4	0	12	38	15	1	1	1	1	282	2461
9	2.2 Other Employees	39	9	3	10	0	6	136	32	1	0	0	4	173	2816
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	0	1	8	3	2	2	0	1	0	13	251
11	B . Total Man-days Employed (in '000)	172	34	8	19	0	47	235	72	3	1	4	1	1055	8676
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1277	158	59	200	0	228	1296	671	20	6	19	6	8110	87315
13	1 . Wages & Salaries including Bonus	1191	155	59	164	0	217	1248	634	19	6	19	4	7049	74906
14	1.1 Wages & Salaries	1172	154	59	164	0	217	1217	608	19	6	19	4	6565	71110
15	1.1.1 Workers	770	130	44	110	0	178	830	448	12	2	17	1	4716	49872
16	1.1.2 Supervisory & Managerial Staff	199	18	9	22	0	32	162	96	5	3	2	0	1094	13069
17	1.1.3 Other Employees	204	5	6	31	0	7	226	64	2	0	0	3	753	8157
18	1.2 Bonus to all Staff	19	1	0	0	0	0	31	26	0	0	0	0	484	3796
19	2 . Employer's Contribution etc.	86	3	0	36	0	11	48	37	1	0	0	2	1061	12409

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	1010	1020	1030	1040	1050	1061	1071	1075	1079	1080	1101	1104	1311
1	A . Average no. of Persons Engaged	81	2275	673	263	983	1843	3077	618	6813	159	196	499	302
2	1 . Workers	60	1516	496	213	613	1426	2682	442	5468	118	168	413	265
3	1.1 Directly Employed	60	1290	496	171	338	1242	861	442	4170	118	0	413	257
4	1.1.1 Men	30	471	89	141	187	847	574	349	2360	118	0	294	197
5	1.1.2 Women	30	819	407	30	151	395	287	93	1810	0	0	119	60
6	1.2 Employed through Contractors	0	226	0	42	275	184	1821	0	1298	0	168	0	8
7	2 Employees other than Worker	21	729	165	50	370	412	395	176	1345	41	28	81	36
8	2.1 Supervisory & Managerial Staff	12	287	61	38	172	202	180	86	826	23	6	81	17
9	2.2 Other Employees	9	442	104	12	198	210	215	90	519	18	22	0	19
10	3 Unpaid Family Members / Proprietor etc.	0	30	12	0	0	5	0	0	0	0	0	5	1
11	B . Total Man-days Employed (in '000)	25	669	195	79	324	552	979	147	2047	45	54	130	84
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	357	7004	1597	745	4510	5097	6832	882	27834	543	397	1334	1155
13	1 . Wages & Salaries including Bonus	308	5860	1449	656	3668	4581	5930	748	25131	389	334	1211	973
14	1.1 Wages & Salaries	308	5675	1292	635	3542	4420	5709	746	24693	376	334	1160	934
15	1.1.1 Workers	180	2972	589	422	1762	2595	3078	354	15861	189	232	865	634
16	1.1.2 Supervisory & Managerial Staff	106	1459	565	176	1144	1395	1694	282	6704	132	31	294	298
17	1.1.3 Other Employees	22	1246	138	37	636	427	936	110	2122	54	70	0	2
18	1.2 Bonus to all Staff	0	185	157	21	126	161	221	2	438	13	0	51	39
19	2 . Employer's Contribution etc.	49	1144	148	89	842	516	902	134	2703	154	63	123	182

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	1312	1393	1399	1410	1430	1511	1520	1610	1621	1629	1701	1702
1	A . Average no. of Persons Engaged	367	479	48	4082	222	13	68	328	4931	629	161	647
2	1 . Workers	236	369	35	3946	157	8	43	294	3729	498	133	529
3	1.1 Directly Employed	236	218	28	3946	157	8	43	215	3626	429	133	471
4	1.1.1 Men	195	166	14	1394	13	8	43	145	3326	349	133	223
5	1.1.2 Women	41	52	14	2552	144	0	0	70	300	80	0	248
6	1.2 Employed through Contractors	0	151	7	0	0	0	0	79	103	69	0	58
7	2 Employees other than Worker	131	110	13	135	64	5	25	29	1042	131	28	118
8	2.1 Supervisory & Managerial Staff	117	54	9	63	20	3	11	19	701	106	16	72
9	2.2 Other Employees	14	56	4	72	44	2	14	10	341	25	12	46
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	1	1	0	0	5	160	0	0	0
11	B . Total Man-days Employed (in '000)	86	135	14	1209	50	4	20	81	1186	180	44	187
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1913	1658	91	10899	518	56	145	518	7398	2076	447	1958
13	1 . Wages & Salaries including Bonus	1656	1186	91	8846	505	37	124	501	6774	1896	397	1733
14	1.1 Wages & Salaries	1656	1070	91	8288	475	32	124	501	6705	1823	367	1695
15	1.1.1 Workers	754	726	67	6136	152	15	75	447	3929	972	240	904
16	1.1.2 Supervisory & Managerial Staff	783	207	20	1529	219	13	30	48	2197	782	104	686
17	1.1.3 Other Employees	118	136	4	622	104	4	19	7	573	70	23	105
18	1.2 Bonus to all Staff	0	116	0	558	30	5	0	0	69	73	30	38
19	2 . Employer's Contribution etc.	257	472	0	2053	13	19	21	17	624	180	50	225

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	1709	1811	1812	1910	1920	2011	2012	2021	2022	2023	2029	2100
1	A . Average no. of Persons Engaged	82	1386	165	315	5920	1348	2724	242	118	140	3024	1086
2	1 . Workers	41	1114	155	203	4991	909	2326	182	93	104	1713	601
3	1.1 Directly Employed	41	751	110	49	1100	730	1589	73	67	55	1380	494
4	1.1.1 Men	27	557	70	48	1075	729	1538	68	67	55	1137	258
5	1.1.2 Women	14	194	40	1	25	1	51	5	0	0	243	236
6	1.2 Employed through Contractors	0	363	45	154	3891	179	737	109	26	49	333	107
7	2 Employees other than Worker	41	272	10	111	928	439	398	60	20	27	1311	485
8	2.1 Supervisory & Managerial Staff	3	151	5	104	745	331	350	39	20	19	587	187
9	2.2 Other Employees	38	121	5	7	183	108	48	21	0	8	724	298
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	1	1	0	0	0	5	9	0	0
11	B . Total Man-days Employed (in '000)	25	416	45	86	2121	411	994	67	32	39	923	318
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	95	6068	398	1123	68760	16371	23380	1557	319	624	22633	5922
13	1 . Wages & Salaries including Bonus	79	5182	384	988	51415	12896	18759	1370	282	502	20223	5181
14	1.1 Wages & Salaries	79	5043	380	959	50965	12639	18617	1349	282	492	19474	5022
15	1.1.1 Workers	40	3029	197	435	25671	6292	12262	649	170	360	5082	1637
16	1.1.2 Supervisory & Managerial Staff	10	1154	177	512	21997	5332	6018	571	113	109	10775	2354
17	1.1.3 Other Employees	29	861	6	12	3298	1014	337	129	0	23	3619	1032
18	1.2 Bonus to all Staff	0	139	4	29	450	257	142	21	0	10	749	159
19	2 . Employer's Contribution etc.	16	886	14	135	17345	3475	4621	187	37	122	2410	741

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	2211	2219	2220	2310	2393	2394	2395	2396	2410	2420	2431	2432
1	A . Average no. of Persons Engaged	874	2500	2319	299	407	367	675	587	460	354	136	337
2	1 . Workers	726	1724	1655	228	340	334	436	471	390	181	81	243
3	1.1 Directly Employed	553	1479	1572	228	340	132	303	471	390	123	81	202
4	1.1.1 Men	539	1086	1226	214	175	132	298	453	387	123	81	85
5	1.1.2 Women	14	393	346	14	165	0	5	18	3	0	0	117
6	1.2 Employed through Contractors	173	245	83	0	0	202	133	0	0	58	0	41
7	2 Employees other than Worker	148	762	659	71	67	33	239	116	67	173	55	94
8	2.1 Supervisory & Managerial Staff	34	448	382	53	67	24	117	48	36	111	29	51
9	2.2 Other Employees	114	314	277	18	0	9	122	68	31	62	26	43
10	3 Unpaid Family Members / Proprietor etc.	0	14	5	0	0	0	0	0	3	0	0	0
11	B . Total Man-days Employed (in '000)	249	672	689	88	123	113	187	119	134	107	39	101
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	6868	6984	7078	776	1090	1100	2406	1369	1323	3076	104	792
13	1 . Wages & Salaries including Bonus	6060	6225	6617	696	951	984	2263	1284	1283	2434	99	744
14	1.1 Wages & Salaries	5919	6010	6351	689	914	980	2226	1242	1213	2403	99	736
15	1.1.1 Workers	4881	3622	3178	454	661	781	955	1013	1007	870	40	427
16	1.1.2 Supervisory & Managerial Staff	310	1782	2563	197	253	180	807	127	162	1216	36	235
17	1.1.3 Other Employees	728	608	609	38	0	19	462	103	43	316	24	75
18	1.2 Bonus to all Staff	141	215	266	7	37	4	37	42	70	31	0	8
19	2 . Employer's Contribution etc.	808	759	461	80	139	116	143	85	40	642	5	48

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	2511	2512	2591	2592	2593	2599	2610	2630	2651	2660	2670	2710	2720	2732
1	A . Average no. of Persons Engaged	886	1022	331	212	45	674	4456	98	52	77	172	2992	48	488
2	1 . Workers	630	705	244	212	36	491	3342	76	30	44	137	2140	34	364
3	1.1 Directly Employed	425	375	244	212	36	473	1554	76	30	44	137	1841	34	358
4	1.1.1 Men	401	293	244	144	32	336	936	48	22	29	107	1326	20	333
5	1.1.2 Women	24	82	0	68	4	137	618	28	8	15	30	515	14	25
6	1.2 Employed through Contractors	205	330	0	0	0	18	1788	0	0	0	0	299	0	6
7	2 Employees other than Worker	256	317	87	0	9	179	1112	22	22	33	35	852	14	124
8	2.1 Supervisory & Managerial Staff	194	166	64	0	9	77	836	8	9	6	24	583	10	64
9	2.2 Other Employees	62	151	23	0	0	102	276	14	13	27	11	269	4	60
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	0	0	4	2	0	0	0	0	0	0	0
11	B . Total Man-days Employed (in '000)	269	308	80	66	13	200	1452	29	14	21	51	905	13	149
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	3523	3193	747	536	68	1990	23088	426	196	239	876	18419	107	2958
13	1 . Wages & Salaries including Bonus	3143	2889	692	474	68	1704	20185	401	182	223	740	15281	94	2620
14	1.1 Wages & Salaries	2965	2879	678	443	68	1557	19062	372	175	218	702	14852	83	2578
15	1.1.1 Workers	1920	1822	317	443	56	823	9069	219	71	85	436	7818	48	1521
16	1.1.2 Supervisory & Managerial Staff	976	854	337	0	12	444	8702	128	69	60	195	5997	28	842
17	1.1.3 Other Employees	68	203	24	0	0	289	1291	25	35	73	72	1038	6	215
18	1.2 Bonus to all Staff	178	10	14	31	0	147	1123	29	7	5	38	429	11	42
19	2 . Employer's Contribution etc.	380	304	55	62	0	286	2903	25	14	16	136	3138	13	338

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	2733	2740	2750	2790	2819	2821	2822	2829	2920	2930	3011	3100	3211
1	A . Average no. of Persons Engaged	87	40	11	26	75	733	129	188	26	15	6527	654	166
2	1 . Workers	65	6	8	24	43	516	73	128	16	8	5949	549	124
3	1.1 Directly Employed	65	6	8	24	36	516	73	128	16	8	1037	427	124
4	1.1.1 Men	21	3	8	2	29	501	73	128	16	8	997	334	124
5	1.1.2 Women	44	3	0	22	7	15	0	0	0	0	40	93	0
6	1.2 Employed through Contractors	0	0	0	0	7	0	0	0	0	0	4912	122	0
7	2 Employees other than Worker	21	34	3	2	30	215	56	60	9	7	572	93	41
8	2.1 Supervisory & Managerial Staff	12	6	1	1	9	54	39	48	3	4	381	38	19
9	2.2 Other Employees	9	28	2	1	21	161	17	12	6	3	191	55	22
10	3 Unpaid Family Members / Proprietor etc.	1	0	0	0	2	2	0	0	1	0	6	12	1
11	B . Total Man-days Employed (in '000)	23	10	3	7	20	196	40	56	5	4	1807	175	17
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	112	154	24	24	160	5199	1472	1155	24	34	37315	1344	148
13	1 . Wages & Salaries including Bonus	103	125	23	18	137	4185	953	1008	21	31	33522	1234	135
14	1.1 Wages & Salaries	101	120	23	18	135	4009	951	971	21	28	30677	1187	135
15	1.1.1 Workers	55	23	17	15	81	2673	333	307	14	15	17157	985	74
16	1.1.2 Supervisory & Managerial Staff	36	68	4	2	32	609	523	615	4	10	8172	103	36
17	1.1.3 Other Employees	12	29	3	2	21	727	95	48	4	4	5347	98	24
18	1.2 Bonus to all Staff	2	5	0	0	2	176	2	37	0	3	2845	47	0
19	2 . Employer's Contribution etc.	9	29	1	6	23	1014	519	147	3	3	3793	110	13

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ERNAKULAM

Sl.No.	Characteristic	3212	3220	3240	3250	3290	3311	3312	3315	3319	3320	3812	Others	Total
1	A . Average no. of Persons Engaged	16	15	77	2633	170	4	16	108	327	552	54	3790	83614
2	1 . Workers	7	12	70	1533	142	2	16	90	315	424	21	2542	64266
3	1.1 Directly Employed	7	12	70	1533	142	2	16	90	188	308	0	2375	44731
4	1.1.1 Men	7	2	0	450	44	2	16	90	173	192	0	2243	31828
5	1.1.2 Women	0	10	70	1083	98	0	0	0	15	116	0	132	12903
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	0	127	116	21	167	19535
7	2 Employees other than Worker	9	3	7	1099	28	2	0	18	12	124	33	1247	19053
8	2.1 Supervisory & Managerial Staff	3	3	7	485	16	2	0	7	12	96	7	633	11059
9	2.2 Other Employees	6	0	0	614	12	0	0	11	0	28	26	614	7994
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	1	0	0	0	0	0	4	0	1	295
11	B . Total Man-days Employed (in '000)	3	4	21	794	32	1	5	19	100	175	16	1058	24785
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	27	29	107	9339	233	6	52	126	912	6248	298	11117	398205
13	1 . Wages & Salaries including Bonus	26	27	93	8396	208	4	39	126	853	4613	271	9523	336255
14	1.1 Wages & Salaries	26	24	84	8134	198	4	39	125	820	4041	262	9094	324593
15	1.1.1 Workers	10	16	67	2664	140	4	39	92	758	1456	63	5391	174960
16	1.1.2 Supervisory & Managerial Staff	5	8	17	2421	43	1	0	9	62	2089	106	2547	114054
17	1.1.3 Other Employees	11	0	0	3050	15	0	0	24	0	497	93	1156	35569
18	1.2 Bonus to all Staff	0	3	9	262	10	0	0	1	33	572	9	429	11662
19	2 . Employer's Contribution etc.	1	2	14	943	25	2	13	0	59	1635	27	1594	61950

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

IDUKKI

Sl.No.	Characteristic	1050	1071	1079	1104	1520	1610	1621	1629	1811	2012	2023	2029	2100
1	A . Average no. of Persons Engaged	62	141	5377	25	62	13	125	7	6	17	18	2	313
2	1 . Workers	40	86	3693	16	23	9	104	6	3	7	5	1	186
3	1.1 Directly Employed	40	86	3672	16	23	9	104	6	3	7	4	1	186
4	1.1.1 Men	25	44	2429	10	14	7	43	6	2	7	4	1	105
5	1.1.2 Women	15	42	1243	6	9	2	61	0	1	0	0	0	81
6	1.2 Employed through Contractors	0	0	21	0	0	0	0	0	0	0	1	0	0
7	2 Employees other than Worker	22	55	1679	9	39	3	18	0	3	9	13	0	127
8	2.1 Supervisory & Managerial Staff	3	8	599	4	11	2	9	0	2	4	13	0	47
9	2.2 Other Employees	19	47	1080	5	28	1	9	0	1	5	0	0	80
10	3 Unpaid Family Members / Proprietor etc.	0	0	5	0	0	1	3	1	0	1	0	1	0
11	B . Total Man-days Employed (in '000)	18	43	1585	7	19	3	28	0	1	4	4	0	93
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	159	437	20598	54	139	18	113	1	15	38	73	2	1664
13	1 . Wages & Salaries including Bonus	140	404	17625	53	129	17	107	1	15	33	62	2	1532
14	1.1 Wages & Salaries	137	371	16488	53	125	17	107	1	14	31	61	2	1421
15	1.1.1 Workers	108	109	5949	31	66	11	86	1	7	10	9	2	642
16	1.1.2 Supervisory & Managerial Staff	14	110	7695	10	28	3	11	0	6	10	52	0	413
17	1.1.3 Other Employees	16	152	2843	12	31	2	10	0	1	11	0	0	367
18	1.2 Bonus to all Staff	3	33	1137	0	4	0	0	0	1	2	1	0	111
19	2 . Employer's Contribution etc.	19	33	2973	1	10	1	6	0	0	5	11	0	132

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

IDUKKI

Sl.No.	Characteristic	2219	2220	2395	2396	2710	2732	3100	Others	Total
1	A . Average no. of Persons Engaged	225	4	30	125	177	13	151	645	7538
2	1 . Workers	150	4	18	85	81	9	71	438	5035
3	1.1 Directly Employed	150	4	18	85	18	9	71	435	4947
4	1.1.1 Men	117	0	14	85	7	9	50	435	3414
5	1.1.2 Women	33	4	4	0	11	0	21	0	1533
6	1.2 Employed through Contractors	0	0	0	0	63	0	0	3	88
7	2 Employees other than Worker	72	0	8	36	96	4	80	201	2474
8	2.1 Supervisory & Managerial Staff	54	0	4	14	94	2	18	66	954
9	2.2 Other Employees	18	0	4	22	2	2	62	135	1520
10	3 Unpaid Family Members / Proprietor etc.	3	0	4	4	0	0	0	6	29
11	B . Total Man-days Employed (in '000)	68	1	6	33	53	4	45	185	2200
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	487	3	37	436	578	29	390	1593	26864
13	1 . Wages & Salaries including Bonus	458	2	33	384	487	24	329	1541	23378
14	1.1 Wages & Salaries	454	2	33	371	444	23	329	1525	22009
15	1.1.1 Workers	260	2	17	233	141	16	107	575	8382
16	1.1.2 Supervisory & Managerial Staff	150	0	7	76	299	5	63	335	9287
17	1.1.3 Other Employees	44	0	8	62	5	2	159	614	4339
18	1.2 Bonus to all Staff	4	0	0	13	43	1	0	16	1369
19	2 . Employer's Contribution etc.	29	1	4	52	91	5	61	52	3486

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOTTAYAM

Sl.No.	Characteristic	1030	1040	1050	1061	1071	1075	1079	1080	1101	1311	1313	1393	1410
1	A . Average no. of Persons Engaged	13	44	379	733	787	45	603	103	13	316	35	66	71
2	1 . Workers	6	21	307	434	620	12	397	74	9	284	26	43	53
3	1.1 Directly Employed	6	20	275	434	516	12	397	74	0	284	26	43	53
4	1.1.1 Men	3	16	137	209	79	6	151	74	0	173	26	24	14
5	1.1.2 Women	3	4	138	225	437	6	246	0	0	111	0	19	39
6	1.2 Employed through Contractors	0	1	32	0	104	0	0	0	9	0	0	0	0
7	2 Employees other than Worker	6	23	69	291	167	11	200	29	4	32	9	23	16
8	2.1 Supervisory & Managerial Staff	6	10	33	67	44	11	69	10	2	14	3	12	11
9	2.2 Other Employees	0	13	36	224	123	0	131	19	2	18	6	11	5
10	3 Unpaid Family Members / Proprietor etc.	1	0	3	8	0	22	6	0	0	0	0	0	2
11	B . Total Man-days Employed (in '000)	3	13	128	241	263	2	180	34	3	78	10	18	19
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	14	92	1351	2468	1513	19	1069	940	25	596	36	146	136
13	1 . Wages & Salaries including Bonus	12	90	1205	2308	1450	19	951	713	24	546	36	130	123
14	1.1 Wages & Salaries	11	89	1173	2245	1445	19	905	635	24	537	34	124	123
15	1.1.1 Workers	4	41	696	1170	980	12	431	384	11	357	21	57	77
16	1.1.2 Supervisory & Managerial Staff	7	27	365	205	269	8	283	135	8	167	8	41	34
17	1.1.3 Other Employees	0	21	107	871	197	0	191	115	4	14	5	26	12
18	1.2 Bonus to all Staff	1	1	32	63	5	0	46	78	0	9	2	6	0
19	2 . Employer's Contribution etc.	2	2	146	160	63	0	118	227	1	50	0	16	13

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOTTAYAM

Sl.No.	Characteristic	1512	1520	1610	1621	1623	1629	1701	1702	1709	1811	1812	1920	2012
1	A . Average no. of Persons Engaged	24	1468	113	74	47	216	111	56	17	2514	85	45	151
2	1 . Workers	14	1102	87	65	30	156	94	43	15	837	80	16	75
3	1.1 Directly Employed	14	1102	73	65	26	156	54	43	15	832	80	16	75
4	1.1.1 Men	9	819	42	65	22	61	54	34	8	826	43	16	65
5	1.1.2 Women	5	283	31	0	4	95	0	9	7	6	37	0	10
6	1.2 Employed through Contractors	0	0	14	0	4	0	40	0	0	5	0	0	0
7	2 Employees other than Worker	10	341	22	9	17	56	17	11	2	1677	0	29	76
8	2.1 Supervisory & Managerial Staff	8	80	22	9	17	43	12	7	1	433	0	13	21
9	2.2 Other Employees	2	261	0	0	0	13	5	4	1	1244	0	16	55
10	3 Unpaid Family Members / Proprietor etc.	0	25	4	0	0	4	0	2	0	0	5	0	0
11	B . Total Man-days Employed (in '000)	7	410	32	23	14	46	39	14	4	872	17	12	44
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	35	4850	194	133	102	241	483	138	37	30313	69	101	465
13	1 . Wages & Salaries including Bonus	33	4429	183	122	92	233	462	117	32	27456	66	95	417
14	1.1 Wages & Salaries	31	4043	178	122	90	227	445	113	28	26702	66	92	380
15	1.1.1 Workers	18	2042	122	96	45	153	261	68	25	6522	66	21	165
16	1.1.2 Supervisory & Managerial Staff	11	330	56	26	45	57	170	35	2	8949	0	42	71
17	1.1.3 Other Employees	2	1672	0	0	0	17	14	11	1	11230	0	29	144
18	1.2 Bonus to all Staff	2	386	5	0	2	6	17	4	4	754	0	3	37
19	2 . Employer's Contribution etc.	2	421	11	11	10	8	21	21	5	2857	3	6	48

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOTTAYAM

Sl.No.	Characteristic	2022	2023	2029	2100	2211	2219	2220	2392	2394	2395	2396	2431	2432
1	A . Average no. of Persons Engaged	65	26	5	529	1725	3479	469	4	135	381	574	31	70
2	1 . Workers	48	15	4	365	1406	2395	281	0	61	259	266	20	58
3	1.1 Directly Employed	20	15	4	362	1186	2019	281	0	60	121	266	20	26
4	1.1.1 Men	17	7	1	55	1181	1605	268	0	59	104	264	20	19
5	1.1.2 Women	3	8	3	307	5	414	13	0	1	17	2	0	7
6	1.2 Employed through Contractors	28	0	0	3	220	376	0	0	1	138	0	0	32
7	2 Employees other than Worker	17	9	1	163	319	1066	186	0	74	118	304	11	12
8	2.1 Supervisory & Managerial Staff	8	4	1	84	253	637	46	0	32	42	106	4	5
9	2.2 Other Employees	9	5	0	79	66	429	140	0	42	76	198	7	7
10	3 Unpaid Family Members / Proprietor etc.	0	2	0	1	0	18	2	4	0	4	4	0	0
11	B . Total Man-days Employed (in '000)	18	6	1	171	536	1023	127	0	40	110	151	8	21
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	216	47	5	1401	14723	10572	2166	0	990	798	1633	81	196
13	1 . Wages & Salaries including Bonus	189	38	5	1319	13034	9409	2059	0	817	758	1424	70	191
14	1.1 Wages & Salaries	184	38	5	1286	12711	9083	1927	0	803	749	1375	70	188
15	1.1.1 Workers	114	28	4	543	9376	5044	620	0	337	456	513	30	132
16	1.1.2 Supervisory & Managerial Staff	38	6	1	566	2971	2958	1058	0	279	193	433	13	47
17	1.1.3 Other Employees	32	4	0	177	364	1079	251	0	187	99	429	27	9
18	1.2 Bonus to all Staff	5	0	0	33	323	326	132	0	14	9	49	0	3
19	2 . Employer's Contribution etc.	27	9	0	82	1689	1163	107	0	173	40	209	11	5

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOTTAYAM

Sl.No.	Characteristic	2599	2710	2720	2733	2819	2821	2825	2829	2920	2930	3100	3230	3250	5811	5813	Others	Total
1	A . Average no. of Persons Engaged	60	90	25	9	33	19	8	67	64	30	150	31	37	53	715	1652	18665
2	1 . Workers	44	78	18	6	30	18	4	45	35	29	98	25	34	9	64	958	11573
3	1.1 Directly Employed	44	78	18	6	30	18	4	45	35	29	74	25	24	9	64	927	10501
4	1.1.1 Men	44	33	13	6	30	18	4	40	32	29	60	25	15	9	64	823	7821
5	1.1.2 Women	0	45	5	0	0	0	0	5	3	0	14	0	9	0	0	104	2680
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	0	0	0	24	0	10	0	0	31	1072
7	2 Employees other than Worker	16	12	5	3	3	1	3	22	29	0	52	6	3	44	651	694	6971
8	2.1 Supervisory & Managerial Staff	7	5	1	1	2	1	1	11	15	0	25	2	2	8	74	321	2656
9	2.2 Other Employees	9	7	4	2	1	0	2	11	14	0	27	4	1	36	577	373	4315
10	3 Unpaid Family Members / Proprietor etc.	0	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0	121
11	B . Total Man-days Employed (in '000)	18	23	6	2	10	6	2	18	16	9	44	8	11	16	254	437	5618
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	200	148	44	17	65	48	13	200	187	57	354	129	151	169	1476	3658	85310
13	1 . Wages & Salaries including Bonus	189	134	39	16	59	47	12	183	147	54	311	107	139	125	1332	3335	76886
14	1.1 Wages & Salaries	186	132	39	16	56	42	12	167	147	52	302	103	139	121	1332	3137	74283
15	1.1.1 Workers	77	116	31	11	50	38	6	97	63	52	194	80	67	20	254	1675	33873
16	1.1.2 Supervisory & Managerial Staff	76	12	2	2	3	5	2	41	48	0	57	6	51	53	395	868	21535
17	1.1.3 Other Employees	33	3	6	3	2	0	4	29	36	0	52	17	21	48	683	595	18873
18	1.2 Bonus to all Staff	3	2	0	0	3	5	0	16	0	2	9	4	0	4	0	198	2603
19	2 . Employer's Contribution etc.	11	14	5	1	6	1	1	17	40	3	43	22	12	44	144	323	8424

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ALAPPUZHA

Sl.No.	Characteristic	1020	1030	1040	1050	1061	1062	1071	1079	1080	1103	1104	1311	1312	1313
1	A . Average no. of Persons Engaged	7087	21	39	364	2	257	499	3533	271	100	4	1025	271	72
2	1 . Workers	5842	17	27	267	0	229	380	3081	227	70	3	952	249	59
3	1.1 Directly Employed	5011	17	27	266	0	229	380	3081	102	45	3	900	249	59
4	1.1.1 Men	1219	15	22	204	0	40	156	1084	85	27	1	267	112	41
5	1.1.2 Women	3792	2	5	62	0	189	224	1997	17	18	2	633	137	18
6	1.2 Employed through Contractors	831	0	0	1	0	0	0	0	125	25	0	52	0	0
7	2 Employees other than Worker	1229	3	12	96	0	26	114	427	44	30	0	71	22	13
8	2.1 Supervisory & Managerial Staff	440	2	5	22	0	14	52	238	12	10	0	29	10	3
9	2.2 Other Employees	789	1	7	74	0	12	62	189	32	20	0	42	12	10
10	3 Unpaid Family Members / Proprietor etc.	16	1	0	1	2	2	5	25	0	0	1	2	0	0
11	B . Total Man-days Employed (in '000)	1906	6	11	117	0	77	146	953	81	28	0	294	70	18
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	15051	31	70	1126	0	466	979	8568	802	267	2	1631	650	262
13	1 . Wages & Salaries including Bonus	13091	29	66	1005	0	394	856	7970	688	237	2	1483	555	172
14	1.1 Wages & Salaries	12534	29	63	985	0	361	840	7519	682	230	2	1389	532	161
15	1.1.1 Workers	7802	12	36	730	0	254	523	4868	511	130	2	1198	478	105
16	1.1.2 Supervisory & Managerial Staff	2362	13	18	107	0	83	94	2055	74	48	0	91	28	26
17	1.1.3 Other Employees	2368	3	8	147	0	24	223	595	98	52	0	101	26	30
18	1.2 Bonus to all Staff	557	0	3	20	0	33	16	451	6	7	0	94	23	11
19	2 . Employer's Contribution etc.	1960	2	4	121	0	72	123	598	114	30	0	148	95	90

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ALAPPUZHA

Sl.No.	Characteristic	1393	1410	1430	1520	1610	1621	1629	1702	1709	1811	2011	2012
1	A . Average no. of Persons Engaged	7466	44	34	34	32	162	61	217	108	6	27	3
2	1 . Workers	6447	42	32	21	23	137	41	170	91	4	20	2
3	1.1 Directly Employed	5201	42	32	21	23	137	33	170	69	4	14	2
4	1.1.1 Men	3793	0	0	6	23	101	26	131	21	3	13	2
5	1.1.2 Women	1408	42	32	15	0	36	7	39	48	1	1	0
6	1.2 Employed through Contractors	1246	0	0	0	0	0	8	0	22	0	6	0
7	2 Employees other than Worker	972	2	2	13	3	25	20	43	13	0	7	1
8	2.1 Supervisory & Managerial Staff	347	1	1	9	0	13	5	21	13	0	3	1
9	2.2 Other Employees	625	1	1	4	3	12	15	22	0	0	4	0
10	3 Unpaid Family Members / Proprietor etc.	47	0	0	0	6	0	0	4	4	2	0	0
11	B . Total Man-days Employed (in '000)	2020	9	6	5	6	21	17	59	30	0	8	1
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	14812	45	34	28	42	98	154	321	166	4	68	6
13	1 . Wages & Salaries including Bonus	13033	38	25	26	37	96	147	302	150	4	52	5
14	1.1 Wages & Salaries	11878	38	25	24	32	96	136	288	147	4	51	5
15	1.1.1 Workers	8853	35	23	10	27	59	71	189	126	4	34	3
16	1.1.2 Supervisory & Managerial Staff	1877	2	0	11	0	29	19	69	21	0	10	2
17	1.1.3 Other Employees	1148	2	2	3	5	7	45	29	0	0	8	0
18	1.2 Bonus to all Staff	1155	0	0	2	5	0	11	14	3	0	1	0
19	2 . Employer's Contribution etc.	1779	7	9	2	5	2	7	19	16	0	16	1

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ALAPPUZHA

Sl.No.	Characteristic	2022	2023	2100	2219	2220	2392	2395	2396	2410	2431	2511	2592	2651
1	A . Average no. of Persons Engaged	137	330	1185	170	234	51	67	176	50	445	225	156	293
2	1 . Workers	109	304	1011	120	158	26	57	166	39	338	190	118	205
3	1.1 Directly Employed	81	78	903	120	158	26	26	119	30	338	152	118	205
4	1.1.1 Men	40	46	394	87	136	26	26	88	23	338	125	72	105
5	1.1.2 Women	41	32	509	33	22	0	0	31	7	0	27	46	100
6	1.2 Employed through Contractors	28	226	108	0	0	0	31	47	9	0	38	0	0
7	2 Employees other than Worker	28	26	172	50	70	0	5	5	11	107	31	36	88
8	2.1 Supervisory & Managerial Staff	17	24	42	28	34	0	5	5	6	68	18	24	23
9	2.2 Other Employees	11	2	130	22	36	0	0	0	5	39	13	12	65
10	3 Unpaid Family Members / Proprietor etc.	0	0	2	0	6	25	5	5	0	0	4	2	0
11	B . Total Man-days Employed (in '000)	36	101	344	43	64	4	11	51	14	129	66	40	87
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	288	779	2839	315	744	16	58	402	106	1530	778	220	942
13	1 . Wages & Salaries including Bonus	259	695	2586	278	627	16	56	402	97	1227	728	198	750
14	1.1 Wages & Salaries	243	680	2520	268	607	15	56	395	93	1192	719	192	731
15	1.1.1 Workers	157	440	1975	163	238	15	50	381	51	729	321	139	415
16	1.1.2 Supervisory & Managerial Staff	63	69	214	83	297	0	6	15	32	356	51	39	146
17	1.1.3 Other Employees	23	171	331	23	71	0	0	0	10	107	347	14	171
18	1.2 Bonus to all Staff	16	15	66	10	20	1	0	7	4	35	9	6	19
19	2 . Employer's Contribution etc.	29	84	253	37	117	0	2	0	9	303	50	22	192

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

ALAPPUZHA

Sl.No.	Characteristic	2710	2733	2790	2816	2819	2824	2829	2910	3011	3012	3100	3290	3312	Others	Total
1	A . Average no. of Persons Engaged	286	24	86	112	120	20	119	11	1	91	105	477	23	1816	28549
2	1 . Workers	223	24	75	93	84	15	107	9	0	76	69	386	20	1501	23956
3	1.1 Directly Employed	223	24	0	93	20	15	107	9	0	76	69	376	20	1291	20794
4	1.1.1 Men	158	3	0	93	16	15	103	9	0	64	59	327	20	1036	10801
5	1.1.2 Women	65	21	0	0	4	0	4	0	0	12	10	49	0	255	9993
6	1.2 Employed through Contractors	0	0	75	0	64	0	0	0	0	0	0	10	0	210	3162
7	2 Employees other than Worker	62	0	11	19	36	5	12	1	0	14	34	89	3	301	4404
8	2.1 Supervisory & Managerial Staff	18	0	5	8	9	2	6	0	0	6	19	17	1	158	1794
9	2.2 Other Employees	44	0	6	11	27	3	6	1	0	8	15	72	2	143	2610
10	3 Unpaid Family Members / Proprietor etc.	1	0	0	0	0	0	0	1	1	1	2	2	0	14	189
11	B . Total Man-days Employed (in '000)	73	5	26	34	32	6	34	2	0	24	19	126	6	490	7756
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	611	17	529	328	327	52	295	11	2	258	117	663	35	3524	61469
13	1 . Wages & Salaries including Bonus	500	13	468	314	316	47	258	11	2	242	108	637	33	3039	54370
14	1.1 Wages & Salaries	484	12	468	306	277	43	257	10	2	233	104	621	32	2948	51559
15	1.1.1 Workers	310	12	409	262	160	25	226	9	0	160	70	507	26	2056	35389
16	1.1.2 Supervisory & Managerial Staff	68	0	42	27	44	12	22	0	0	41	27	28	3	648	9372
17	1.1.3 Other Employees	104	0	17	16	72	5	9	1	2	32	6	86	3	244	6789
18	1.2 Bonus to all Staff	16	1	0	8	39	4	1	1	0	9	4	16	1	91	2811
19	2 . Employer's Contribution etc.	111	4	61	14	11	5	37	0	0	16	9	26	2	485	7099

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

PATHANAMTHITTA

Sl.No.	Characteristic	1040	1050	1061	1071	1079	1101	1104	1393	1520	1610	1621
1	A . Average no. of Persons Engaged	19	449	126	123	1601	133	18	64	16	53	43
2	1 . Workers	12	358	119	101	1359	114	9	50	12	46	36
3	1.1 Directly Employed	12	358	119	101	1359	7	9	50	12	46	36
4	1.1.1 Men	10	204	87	50	473	7	5	20	3	41	31
5	1.1.2 Women	2	154	32	51	886	0	4	30	9	5	5
6	1.2 Employed through Contractors	0	0	0	0	0	107	0	0	0	0	0
7	2 Employees other than Worker	7	89	6	21	225	19	5	12	2	6	6
8	2.1 Supervisory & Managerial Staff	3	38	1	9	98	9	1	6	1	4	2
9	2.2 Other Employees	4	51	5	12	127	10	4	6	1	2	4
10	3 Unpaid Family Members / Proprietor etc.	0	2	1	1	17	0	4	2	2	1	1
11	B . Total Man-days Employed (in '000)	6	136	37	34	434	38	3	19	3	14	12
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	32	1248	312	169	3249	408	14	120	14	132	120
13	1 . Wages & Salaries including Bonus	30	1100	289	154	2772	293	14	118	13	113	113
14	1.1 Wages & Salaries	29	1079	286	146	2350	249	14	118	12	104	107
15	1.1.1 Workers	18	741	267	84	1812	168	9	77	9	89	92
16	1.1.2 Supervisory & Managerial Staff	6	201	6	28	277	56	1	26	2	9	4
17	1.1.3 Other Employees	4	139	13	34	262	25	5	14	1	5	10
18	1.2 Bonus to all Staff	1	21	3	8	422	44	0	0	1	9	6
19	2 . Employer's Contribution etc.	2	148	23	15	477	115	0	2	1	19	7

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

PATHANAMTHITTA

Sl.No.	Characteristic	1622	1623	1811	2011	2013	2023	2029	2100	2219	2220	2392	2395
1	A . Average no. of Persons Engaged	6	17	12	11	5	1	17	38	204	52	15	235
2	1 . Workers	5	10	9	4	3	0	13	29	152	37	5	180
3	1.1 Directly Employed	5	10	9	4	3	0	13	29	152	37	5	142
4	1.1.1 Men	5	10	4	3	3	0	10	8	128	37	5	139
5	1.1.2 Women	0	0	5	1	0	0	3	21	24	0	0	3
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	0	0	0	0	38
7	2 Employees other than Worker	1	6	3	5	0	0	4	8	52	15	0	45
8	2.1 Supervisory & Managerial Staff	1	6	1	1	0	0	2	2	36	9	0	30
9	2.2 Other Employees	0	0	2	4	0	0	2	6	16	6	0	15
10	3 Unpaid Family Members / Proprietor etc.	0	1	0	2	2	1	0	1	0	0	10	10
11	B . Total Man-days Employed (in '000)	1	5	3	2	0	0	5	10	60	13	0	65
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	9	32	16	10	2	0	53	43	685	115	1	485
13	1 . Wages & Salaries including Bonus	5	31	13	10	2	0	52	43	510	92	1	469
14	1.1 Wages & Salaries	5	31	13	10	2	0	51	42	419	91	1	445
15	1.1.1 Workers	4	10	7	2	2	0	22	33	281	61	1	230
16	1.1.2 Supervisory & Managerial Staff	2	21	3	2	0	0	23	4	122	25	0	168
17	1.1.3 Other Employees	0	0	3	6	0	0	6	7	17	6	0	47
18	1.2 Bonus to all Staff	0	0	0	0	0	0	1	1	91	1	0	24
19	2 . Employer's Contribution etc.	4	1	3	0	0	0	1	0	175	23	0	16

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

PATHANAMTHITTA

Sl.No.	Characteristic	2396	2410	2511	2599	2710	2740	3100	3250	Others	Total
1	A . Average no. of Persons Engaged	2694	66	41	20	23	12	28	30	1073	7245
2	1 . Workers	2151	59	26	12	16	10	17	24	830	5808
3	1.1 Directly Employed	2151	59	26	12	16	10	17	24	813	5646
4	1.1.1 Men	2119	59	21	11	16	10	17	3	779	4318
5	1.1.2 Women	32	0	5	1	0	0	0	21	34	1328
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	0	17	162
7	2 Employees other than Worker	541	7	13	5	7	2	8	5	243	1368
8	2.1 Supervisory & Managerial Staff	254	5	5	2	2	0	2	3	178	711
9	2.2 Other Employees	287	2	8	3	5	2	6	2	65	657
10	3 Unpaid Family Members / Proprietor etc.	2	0	2	3	0	0	3	1	0	69
11	B . Total Man-days Employed (in '000)	715	18	8	4	6	1	7	7	310	1976
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	9691	148	61	28	51	5	66	44	2431	19794
13	1 . Wages & Salaries including Bonus	8881	143	56	23	50	5	63	39	2253	17750
14	1.1 Wages & Salaries	8534	137	54	22	47	5	61	36	2160	16660
15	1.1.1 Workers	4194	109	28	16	22	4	31	27	1581	10031
16	1.1.2 Supervisory & Managerial Staff	2577	22	15	3	10	0	10	4	437	4064
17	1.1.3 Other Employees	1765	7	11	2	15	1	20	4	142	2571
18	1.2 Bonus to all Staff	347	6	2	1	3	0	2	3	93	1090
19	2 . Employer's Contribution etc.	810	5	5	5	1	0	3	5	178	2044

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOLLAM

Sl.No.	Characteristic	1020	1030	1040	1050	1061	1071	1079	1080	1104	1311	1312	1393	1394
1	A . Average no. of Persons Engaged	844	13	1127	554	209	698	31115	69	55	145	111	6	24
2	1 . Workers	718	10	1008	433	142	659	28791	62	45	126	81	5	20
3	1.1 Directly Employed	718	10	728	433	142	659	28791	62	45	77	81	5	20
4	1.1.1 Men	172	4	531	290	40	549	1303	62	36	37	4	5	0
5	1.1.2 Women	546	6	197	143	102	110	27488	0	9	40	77	0	20
6	1.2 Employed through Contractors	0	0	280	0	0	0	0	0	0	49	0	0	0
7	2 Employees other than Worker	122	3	118	121	66	33	2161	6	6	19	8	1	4
8	2.1 Supervisory & Managerial Staff	59	1	52	32	12	22	743	2	2	7	4	1	1
9	2.2 Other Employees	63	2	66	89	54	11	1418	4	4	12	4	0	3
10	3 Unpaid Family Members / Proprietor etc.	4	0	1	0	1	6	163	1	4	0	22	0	0
11	B . Total Man-days Employed (in '000)	247	4	333	185	53	207	7303	14	10	46	14	1	7
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	1611	23	3664	2056	469	2526	37152	83	43	722	48	11	49
13	1 . Wages & Salaries including Bonus	1371	21	3167	1815	440	2167	32364	81	40	474	43	11	44
14	1.1 Wages & Salaries	1266	21	2773	1794	435	1984	27320	76	38	474	39	10	42
15	1.1.1 Workers	937	11	2293	1225	154	1898	22785	62	32	465	28	8	28
16	1.1.2 Supervisory & Managerial Staff	206	6	301	337	160	70	2462	8	2	6	4	2	5
17	1.1.3 Other Employees	120	4	179	233	120	17	2080	5	4	3	7	0	9
18	1.2 Bonus to all Staff	105	0	394	21	5	183	5044	5	2	0	4	1	2
19	2 . Employer's Contribution etc.	240	2	497	241	29	359	4788	2	3	248	5	0	5

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOLLAM

Sl.No.	Characteristic	1410	1610	1621	1629	1702	1709	1811	1920	2011	2013	2022	2023
1	A . Average no. of Persons Engaged	171	166	36	64	8	18	63	135	1766	18	200	16
2	1 . Workers	150	113	26	58	4	7	52	125	1465	14	166	12
3	1.1 Directly Employed	150	113	26	58	4	7	36	125	1465	14	166	12
4	1.1.1 Men	15	102	20	52	2	7	21	125	1465	14	164	8
5	1.1.2 Women	135	11	6	6	2	0	15	0	0	0	2	4
6	1.2 Employed through Contractors	0	0	0	0	0	0	16	0	0	0	0	0
7	2 Employees other than Worker	20	21	8	4	2	9	7	10	301	4	33	3
8	2.1 Supervisory & Managerial Staff	9	10	6	2	2	2	5	5	220	2	9	1
9	2.2 Other Employees	11	11	2	2	0	7	2	5	81	2	24	2
10	3 Unpaid Family Members / Proprietor etc.	1	32	2	2	2	2	4	0	0	0	1	1
11	B . Total Man-days Employed (in '000)	34	31	10	10	1	4	14	41	632	5	53	2
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	142	161	49	80	5	45	103	1557	20065	38	322	9
13	1 . Wages & Salaries including Bonus	124	151	48	80	5	36	79	1406	17227	38	301	8
14	1.1 Wages & Salaries	123	138	45	69	5	30	69	1314	16790	36	294	7
15	1.1.1 Workers	104	98	29	64	3	11	64	999	11857	27	213	4
16	1.1.2 Supervisory & Managerial Staff	10	29	11	3	2	3	3	210	4336	7	42	1
17	1.1.3 Other Employees	9	11	5	2	0	16	2	105	597	2	39	1
18	1.2 Bonus to all Staff	1	13	3	11	0	6	10	92	437	2	7	1
19	2 . Employer's Contribution etc.	18	10	1	0	0	9	24	151	2838	0	21	1

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOLLAM

Sl.No.	Characteristic	2029	2100	2219	2220	2392	2393	2395	2396	2420	2431	2512	2593	2599	2710
1	A . Average no. of Persons Engaged	1	146	408	342	133	81	38	977	116	13	64	0	75	553
2	1 . Workers	0	124	316	246	53	49	22	876	100	11	40	0	67	449
3	1.1 Directly Employed	0	124	316	246	53	49	0	557	100	11	40	0	67	449
4	1.1.1 Men	0	84	216	237	42	32	0	400	100	7	40	0	45	358
5	1.1.2 Women	0	40	100	9	11	17	0	157	0	4	0	0	22	91
6	1.2 Employed through Contractors	0	0	0	0	0	0	22	319	0	0	0	0	0	0
7	2 Employees other than Worker	0	22	92	93	0	32	11	91	15	1	23	0	6	104
8	2.1 Supervisory & Managerial Staff	0	14	66	45	0	23	0	86	8	0	4	0	4	32
9	2.2 Other Employees	0	8	26	48	0	9	11	5	7	1	19	0	2	72
10	3 Unpaid Family Members / Proprietor etc.	1	0	0	3	80	0	5	10	1	1	1	0	2	0
11	B . Total Man-days Employed (in '000)	0	44	122	90	14	30	9	267	40	1	16	0	20	140
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	0	272	1028	1225	69	425	38	3165	730	7	79	0	153	1703
13	1 . Wages & Salaries including Bonus	0	269	943	925	69	323	38	3022	692	7	79	0	142	1209
14	1.1 Wages & Salaries	0	262	846	871	60	315	38	2969	685	7	79	0	134	1185
15	1.1.1 Workers	0	212	556	442	56	157	25	2785	515	7	48	0	108	786
16	1.1.2 Supervisory & Managerial Staff	0	36	247	297	0	126	0	178	140	0	7	0	23	198
17	1.1.3 Other Employees	0	13	41	133	4	32	13	6	30	1	23	0	2	200
18	1.2 Bonus to all Staff	0	7	97	54	9	8	0	53	7	0	0	0	8	24
19	2 . Employer's Contribution etc.	0	3	85	300	0	102	0	143	38	0	0	0	11	494

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

KOLLAM

Sl.No.	Characteristic	2819	2822	2920	3011	3030	3100	3211	3240	3312	Others	Total
1	A . Average no. of Persons Engaged	223	8	6	9	72	34	7	88	11	2648	43684
2	1 . Workers	197	4	4	7	62	24	6	75	4	2046	39074
3	1.1 Directly Employed	197	4	4	7	62	24	6	75	4	2041	38383
4	1.1.1 Men	89	4	4	7	62	23	6	0	4	1787	8575
5	1.1.2 Women	108	0	0	0	0	1	0	75	0	254	29808
6	1.2 Employed through Contractors	0	0	0	0	0	0	0	0	0	5	691
7	2 Employees other than Worker	26	2	1	1	10	7	0	13	7	583	4230
8	2.1 Supervisory & Managerial Staff	16	0	1	1	6	7	0	7	3	425	1959
9	2.2 Other Employees	10	2	0	0	4	0	0	6	4	158	2271
10	3 Unpaid Family Members / Proprietor etc.	0	2	1	1	0	3	1	0	0	19	380
11	B . Total Man-days Employed (in '000)	60	1	2	2	16	7	1	18	2	763	10926
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	497	2	8	11	157	35	5	137	19	5972	86770
13	1 . Wages & Salaries including Bonus	481	2	8	11	138	33	5	124	17	5538	75616
14	1.1 Wages & Salaries	477	2	8	11	135	29	5	115	17	5293	68735
15	1.1.1 Workers	273	1	5	9	98	20	5	92	4	3780	53383
16	1.1.2 Supervisory & Managerial Staff	188	0	3	2	32	8	0	16	8	1229	10964
17	1.1.3 Other Employees	16	1	0	0	5	0	0	7	5	280	4382
18	1.2 Bonus to all Staff	4	0	0	0	3	4	0	9	0	245	6881
19	2 . Employer's Contribution etc.	16	0	0	0	19	2	0	13	2	434	11154

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THIRUVANANTHAPURAM

Sl.No.	Characteristic	1020	1030	1040	1050	1061	1071	1075	1079	1101	1104	1311	1312	1313
1	A . Average no. of Persons Engaged	73	15	76	683	119	345	104	2297	20	3	578	47	28
2	1 . Workers	47	7	72	458	99	153	104	2158	16	2	537	38	13
3	1.1 Directly Employed	47	7	63	241	99	153	104	2124	16	2	537	38	13
4	1.1.1 Men	23	0	5	130	97	140	90	202	4	1	283	9	6
5	1.1.2 Women	24	7	58	111	2	13	14	1922	12	1	254	29	7
6	1.2 Employed through Contractors	0	0	9	217	0	0	0	34	0	0	0	0	0
7	2 Employees other than Worker	26	7	4	223	19	179	0	117	4	1	41	9	15
8	2.1 Supervisory & Managerial Staff	17	2	2	79	9	26	0	68	4	1	23	9	4
9	2.2 Other Employees	9	5	2	144	10	153	0	49	0	0	18	0	11
10	3 Unpaid Family Members / Proprietor etc.	0	1	0	2	1	13	0	22	0	0	0	0	0
11	B . Total Man-days Employed (in '000)	22	4	24	235	39	116	32	452	5	1	159	11	8
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	137	28	77	3583	394	731	134	2230	53	10	1063	34	89
13	1 . Wages & Salaries including Bonus	130	25	77	3191	357	598	122	2083	46	10	971	28	73
14	1.1 Wages & Salaries	125	24	77	3160	339	573	122	1701	43	10	952	24	72
15	1.1.1 Workers	58	7	65	1816	250	228	122	1548	28	6	803	20	40
16	1.1.2 Supervisory & Managerial Staff	50	5	7	846	53	57	0	88	15	4	104	4	23
17	1.1.3 Other Employees	16	11	6	498	35	287	0	62	0	0	46	0	9
18	1.2 Bonus to all Staff	5	1	0	31	18	25	0	382	3	0	19	4	1
19	2 . Employer's Contribution etc.	7	3	0	392	37	133	12	147	7	0	92	6	16

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THIRUVANANTHAPURAM

Sl.No.	Characteristic	1394	1410	1610	1621	1622	1702	1709	1811	2011	2023	2100	2211	2219
1	A . Average no. of Persons Engaged	156	327	4	197	42	32	45	434	686	72	863	7	1548
2	1 . Workers	139	320	2	169	37	21	40	268	314	21	318	4	1401
3	1.1 Directly Employed	139	320	2	163	25	21	40	223	297	21	297	4	466
4	1.1.1 Men	72	31	2	66	24	4	27	204	281	0	178	4	334
5	1.1.2 Women	67	289	0	97	1	17	13	19	16	21	119	0	132
6	1.2 Employed through Contractors	0	0	0	6	12	0	0	45	17	0	21	0	935
7	2 Employees other than Worker	17	7	2	28	5	9	5	163	372	51	545	3	143
8	2.1 Supervisory & Managerial Staff	5	3	0	15	4	5	5	92	85	10	48	1	115
9	2.2 Other Employees	12	4	2	13	1	4	0	71	287	41	497	2	28
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	0	0	2	0	3	0	0	0	0	4
11	B . Total Man-days Employed (in '000)	38	42	1	57	12	8	13	134	204	20	253	2	463
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	277	142	2	355	168	41	173	2347	11596	275	3027	16	6060
13	1 . Wages & Salaries including Bonus	249	134	2	338	167	37	158	1951	9829	259	2761	14	4714
14	1.1 Wages & Salaries	234	133	2	332	160	33	148	1783	9689	247	2718	14	4531
15	1.1.1 Workers	178	122	2	268	122	18	65	681	2587	57	678	8	3092
16	1.1.2 Supervisory & Managerial Staff	29	8	0	47	35	10	83	888	3602	91	394	3	1283
17	1.1.3 Other Employees	27	2	0	17	3	5	0	214	3500	98	1645	3	157
18	1.2 Bonus to all Staff	15	1	0	6	7	4	10	168	140	12	43	0	183
19	2 . Employer's Contribution etc.	28	8	0	17	1	4	15	396	1767	16	266	2	1346

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THIRUVANANTHAPURAM

Sl. No	Characteristic	2220	2310	2392	2393	2395	2396	2431	2511	2512	2592	2610	2620	2630	2640	2660	2710
1	A . Average no. of Persons Engaged	2078	51	24	435	192	1081	9	61	3	10	402	389	121	64	65	73
2	1 . Workers	1555	25	24	366	144	698	4	22	1	7	339	299	117	32	49	46
3	1.1 Directly Employed	934	25	24	127	42	436	4	22	1	7	211	171	16	32	49	46
4	1.1.1 Men	697	25	0	125	42	436	4	19	1	4	89	114	11	25	39	35
5	1.1.2 Women	237	0	24	2	0	0	0	3	0	3	122	57	5	7	10	11
6	1.2 Employed through Contractors	621	0	0	239	102	262	0	0	0	0	128	128	101	0	0	0
7	2 Employees other than Worker	523	25	0	69	48	376	5	38	1	3	63	90	4	32	16	27
8	2.1 Supervisory & Managerial Staff	432	14	0	69	24	132	3	22	1	1	49	27	4	2	16	11
9	2.2 Other Employees	91	11	0	0	24	244	2	16	0	2	14	63	0	30	0	16
10	3 Unpaid Family Members / Proprietor etc.	0	1	0	0	0	7	0	1	1	0	0	0	0	0	0	0
11	B . Total Man-days Employed (in '000)	617	16	4	119	56	287	3	17	0	3	102	101	31	16	16	21
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	10232	145	15	2418	498	3663	27	180	2	20	2034	1280	2233	554	465	391
13	1 . Wages & Salaries including Bonus	8635	135	14	1954	436	3303	22	162	2	18	1708	1000	1875	509	432	340
14	1.1 Wages & Salaries	8335	130	12	1902	421	3182	22	155	2	17	1622	983	1832	509	400	340
15	1.1.1 Workers	4462	52	12	874	321	1953	11	43	1	12	1105	691	416	168	203	163
16	1.1.2 Supervisory & Managerial Staff	3441	46	0	1028	62	625	8	83	1	2	401	139	1416	49	197	116
17	1.1.3 Other Employees	431	32	0	0	38	603	4	29	0	3	116	153	0	292	0	61
18	1.2 Bonus to all Staff	300	5	2	52	15	121	0	7	0	1	86	17	43	0	32	0
19	2 . Employer's Contribution etc.	1597	10	1	464	62	360	5	18	0	2	326	280	358	45	33	51

**Table T.32: Estimate of (a) employment (b) man-days employed and (c) emoluments paid in the factory sector
by 4-digit Industry group (NIC 2008) -District wise details**

THIRUVANANTHAPURAM

Sl.No.	Characteristic	2740	2750	2790	2815	2819	2829	3011	3030	3091	3100	3250	3315	Others	Total
1	A . Average no. of Persons Engaged	26	49	31	22	9	1	30	783	102	104	157	259	2521	17953
2	1 . Workers	21	43	24	16	5	0	23	672	69	76	118	193	1964	13710
3	1.1 Directly Employed	21	38	24	16	5	0	15	389	69	72	118	114	1872	10362
4	1.1.1 Men	10	23	12	13	5	0	15	375	56	68	46	114	1833	6453
5	1.1.2 Women	11	15	12	3	0	0	0	14	13	4	72	0	39	3909
6	1.2 Employed through Contractors	0	5	0	0	0	0	8	283	0	4	0	79	92	3348
7	2 Employees other than Worker	5	6	7	5	4	0	7	111	33	28	38	66	553	4178
8	2.1 Supervisory & Managerial Staff	4	3	6	3	2	0	4	90	10	11	14	11	323	1920
9	2.2 Other Employees	1	3	1	2	2	0	3	21	23	17	24	55	230	2258
10	3 Unpaid Family Members / Proprietor etc.	0	0	0	1	0	1	0	0	0	0	1	0	4	65
11	B . Total Man-days Employed (in '000)	7	14	9	6	2	0	8	233	28	24	37	71	673	4876
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	37	102	44	60	18	0	80	3969	384	276	201	2141	9174	73685
13	1 . Wages & Salaries including Bonus	33	92	38	59	17	0	77	3367	357	240	165	2007	8493	63814
14	1.1 Wages & Salaries	25	90	38	54	17	0	77	3192	357	235	156	2002	8045	61398
15	1.1.1 Workers	22	75	31	37	8	0	58	2116	188	137	110	1415	3901	31454
16	1.1.2 Supervisory & Managerial Staff	2	11	4	9	7	0	14	894	125	48	20	155	3570	20202
17	1.1.3 Other Employees	1	4	3	8	2	0	5	182	44	48	26	432	578	9736
18	1.2 Bonus to all Staff	8	2	0	5	0	0	0	175	0	5	9	5	448	2416
19	2 . Employer's Contribution etc.	4	10	6	1	1	0	3	602	27	36	36	134	681	9871

Table T.33: Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector in rural and urban area.

Sl.No.	Characteristic	Rural	Urban	Total
1	A . Average no. of Persons Engaged	140383	170575	310958
2	1 . Workers	113678	133266	246944
3	1.1 Directly Employed	100359	99174	199533
4	1.1.1 Men	51192	64147	115339
5	1.1.2 Women	49167	35027	84194
6	1.2 Employed through Contractors	13319	34092	47411
7	2 Employees other than Worker	25594	36317	61911
8	2.1 Supervisory & Managerial Staff	12759	16848	29607
9	2.2 Other Employees	12835	19469	32304
10	3 Unpaid Family Members / Proprietor etc.	1111	992	2103
11	B . Total Man-days Employed (in '000)	38183	48083	86266
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	389362	635215	1024577
13	1 . Wages & Salaries including Bonus	341710	542586	884296
14	1.1 Wages & Salaries	324288	521113	845401
15	1.1.1 Workers	202291	291466	493757
16	1.1.2 Supervisory & Managerial Staff	84156	156539	240695
17	1.1.3 Other Employees	37834	73064	110898
18	1.2 Bonus to all Staff	17422	21473	38895
19	2 . Employer's Contribution etc.	47652	92629	140281

Table T.34: District wise Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector in rural and urban area.

Sl.No	Characteristic	Kasargod		Kannur		Wayanad		Kozhikode		Malappuram		Palakkad		Thrissur	
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
1	A . Average no. of Persons Engaged	3785	6570	4239	11216	1915	1487	2622	11564	2273	6870	11922	8811	14162	16274
2	1 . Workers	3527	5965	3724	9515	1556	1135	1990	8250	1552	5134	9594	6672	12164	12744
3	1.1 Directly Employed	1382	1996	3021	8877	1556	746	1912	7244	1384	4799	6500	4589	10525	9638
4	1.1.1 Men	243	533	1496	4401	1156	468	1140	5995	1096	3540	5303	3486	6443	6829
5	1.1.2 Women	1139	1463	1525	4476	400	278	772	1249	288	1259	1197	1103	4082	2809
6	1.2 Employed through Contractors	2145	3969	703	638	0	389	78	1006	168	335	3094	2083	1639	3106
7	2 Employees other than Worker	175	522	470	1625	346	345	614	3207	675	1678	2215	2084	1919	3358
8	2.1 Supervisory & Managerial Staff	75	230	227	799	167	178	172	1109	253	677	1061	1145	1130	1331
9	2.2 Other Employees	100	292	243	826	179	167	442	2098	422	1001	1154	939	789	2027
10	3 Unpaid Family Members/ Proprietor etc.	83	83	45	76	13	7	18	107	46	58	113	55	79	172
11	B . Total Man-days Employed (in '000)	730	1257	1088	2875	547	596	699	3239	635	1916	3363	2508	4101	4575
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	3466	5985	8377	24428	3923	7389	4533	39599	5396	19198	32618	30253	41675	45640
13	1 . Wages & Salaries including Bonus	3031	5556	7839	21423	3245	6149	3901	34183	4854	16669	28644	25827	35812	39094
14	1.1 Wages & Salaries	2768	5121	7673	20546	3157	6075	3737	32934	4694	16191	27474	24684	34211	36899
15	1.1.1 Workers	2301	3993	5892	14939	2232	3732	2317	16001	2637	10496	18647	13226	27265	22607
16	1.1.2 Supervisory & Managerial Staff	286	583	1142	3499	614	1882	613	9439	972	3291	6570	9257	3948	9121
17	1.1.3 Other Employees	177	544	637	2104	312	456	802	7495	1085	2409	2261	2200	2996	5161
18	1.2 Bonus to all Staff	263	435	166	877	88	74	164	1249	160	478	1170	1143	1601	2195
19	2 . Employer's Contribution etc.	435	429	538	3005	678	1240	632	5416	542	2529	3974	4426	5863	6546

Table T.34: District wise Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector in rural and urban area.

Sl. No.	Characteristic	Ernakulam		Idukki		Kottayam		Alappuzha		Pathanamthitta		Kollam		Thiruvananthapuram		Total
		Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	
1	A . Average no. of Persons Engaged	36792	46822	6923	615	10222	8443	3135	25414	6684	561	29729	13955	5980	11973	310958
2	1 . Workers	27915	36351	4612	423	7197	4376	2672	21284	5385	423	27423	11651	4367	9343	246944
3	1.1 Directly Employed	24520	20211	4587	360	6501	4000	2385	18409	5223	423	27082	11301	3781	6581	199533
4	1.1.1 Men	15355	16473	3083	331	4211	3610	862	9939	4006	312	5084	3491	1714	4739	115339
5	1.1.2 Women	9165	3738	1504	29	2290	390	1523	8470	1217	111	21998	7810	2067	1842	84194
6	1.2 Employed through Contractors	3395	16140	25	63	696	376	287	2875	162	0	341	350	586	2762	47411
7	2 Employees other than Worker	8696	10357	2288	186	2921	4050	419	3985	1234	134	2035	2195	1587	2591	61911
8	2.1 Supervisory & Managerial Staff	4976	6083	816	138	1378	1278	161	1633	642	69	1006	953	695	1225	29607
9	2.2 Other Employees	3720	4274	1472	48	1543	2772	258	2352	592	65	1029	1242	892	1366	32304
10	3 Unpaid Family Members/ Proprietor etc.	181	114	23	6	104	17	44	145	65	4	271	109	26	39	2103
11	B . Total Man-days Employed (in '000)	10477	14308	2028	172	2959	2659	873	6883	1812	164	7294	3632	1577	3299	86266
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	134895	263310	25488	1376	26747	58563	5743	55726	18545	1249	60502	26268	17454	56231	1024577
13	1 . Wages & Salaries including Bonus	118362	217893	22171	1207	24068	52818	5124	49246	16590	1160	52613	23003	15456	48358	884296
14	1.1 Wages & Salaries	113534	211059	20871	1138	23160	51123	4862	46697	15552	1108	47889	20846	14706	46692	845401
15	1.1.1 Workers	60607	114353	7767	615	13303	20570	3584	31805	9294	737	38702	14681	7743	23711	493757
16	1.1.2 Supervisory & Managerial Staff	39314	74740	8878	409	5914	15621	758	8614	3823	241	7093	3871	4231	15971	240695
17	1.1.3 Other Employees	13616	21953	4224	115	3941	14932	520	6269	2442	129	2096	2286	2725	7011	110898
18	1.2 Bonus to all Staff	4828	6834	1300	69	908	1695	262	2549	1038	52	4724	2157	750	1666	38895
19	2 . Employer's Contribution etc.	16533	45417	3317	169	2679	5745	619	6480	1955	89	7889	3265	1998	7873	140281

Table T.35: Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector by 2-digit industry group (NIC-2008) in rural area.

Sector: Rural

Sl. No.	Characteristic	10	11	12	13	14	15	16	17	18
1	A . Average no. of Persons Engaged	54852	1340	3987	4509	6078	1647	6813	833	1336
2	1 . Workers	47263	1071	3862	3872	5656	1420	5319	671	1179
3	1.1 Directly Employed	44919	649	1532	3447	5639	1420	5027	605	636
4	1.1.1 Men	13221	365	31	1451	1548	1139	3983	379	397
5	1.1.2 Women	31698	284	1501	1996	4091	281	1044	226	239
6	1.2 Employed through Contractors	2344	422	2330	425	17	0	292	66	543
7	2 Employees other than Worker	7307	258	44	608	414	205	1273	159	150
8	2.1 Supervisory & Managerial Staff	3270	182	20	297	137	71	843	89	93
9	2.2 Other Employees	4037	76	24	311	277	134	430	70	57
10	3 Unpaid Family Members / Proprietor etc.	282	11	81	29	8	22	221	3	7
11	B . Total Man-days Employed (in '000)	14706	351	783	1262	1674	454	1628	238	370
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	118057	3290	3047	9401	13298	3637	10243	1669	3459
13	1 . Wages & Salaries including Bonus	103983	2858	2710	8032	11026	3232	9540	1450	3083
14	1.1 Wages & Salaries	96705	2760	2467	7585	10361	2985	9365	1386	2984
15	1.1.1 Workers	64018	1814	2418	5619	7511	2245	6066	990	2152
16	1.1.2 Supervisory & Managerial Staff	23287	766	33	1246	1908	263	2574	314	569
17	1.1.3 Other Employees	9396	177	15	716	945	477	717	85	264
18	1.2 Bonus to all Staff	7278	98	243	447	665	247	175	64	99
19	2 . Employer's Contribution etc.	14074	432	337	1369	2272	405	703	219	376

Table T.35: Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector by 2-digit industry group (NIC-2008) in rural area.

Sector: Rural

Sl.No.	Characteristic	19	20	21	22	23	24	25	26	27
1	A . Average no. of Persons Engaged	744	4734	2485	15373	14705	1754	1859	2498	1333
2	1 . Workers	527	2790	1466	11621	11569	1368	1452	1802	978
3	1.1 Directly Employed	283	2725	1380	9991	8712	707	1288	1373	960
4	1.1.1 Men	281	2485	546	8016	7746	596	877	755	626
5	1.1.2 Women	2	240	834	1975	966	111	411	618	334
6	1.2 Employed through Contractors	244	65	86	1630	2857	661	164	429	18
7	2 Employees other than Worker	215	1918	1009	3668	2909	375	386	696	350
8	2.1 Supervisory & Managerial Staff	172	798	281	2338	1386	135	234	574	153
9	2.2 Other Employees	43	1120	728	1330	1523	240	152	122	197
10	3 Unpaid Family Members / Proprietor etc.	2	26	10	84	227	11	21	0	5
11	B . Total Man-days Employed (in '000)	222	1516	742	4494	3938	472	522	706	353
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	4616	38413	8272	55237	46700	3495	4503	12683	5972
13	1 . Wages & Salaries including Bonus	4121	33917	7366	47525	42253	3190	4121	10713	5066
14	1.1 Wages & Salaries	3814	32948	7072	45481	40778	3093	3974	9802	4935
15	1.1.1 Workers	2507	15020	2791	31379	26345	2266	2472	4886	2913
16	1.1.2 Supervisory & Managerial Staff	1073	13237	2008	10967	9742	479	1119	4628	1331
17	1.1.3 Other Employees	233	4693	2275	3134	4687	351	381	288	696
18	1.2 Bonus to all Staff	307	969	294	2044	1475	97	147	911	131
19	2 . Employer's Contribution etc.	495	4496	906	7712	4447	305	382	1970	906

**Table T.35: Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector
by 2-digit industry group (NIC-2008) in rural area.**

Sector: Rural

Sl.No.	Characteristic	28	29	30	31	32	33	38	58	Others	Total
1	A . Average no. of Persons Engaged	1884	216	234	1614	3532	590	3	149	5281	140383
2	1 . Workers	1372	152	202	1262	2346	458	0	42	3958	113678
3	1.1 Directly Employed	1278	145	135	1098	2161	342	0	42	3865	100359
4	1.1.1 Men	1224	125	110	934	767	226	0	42	3322	51192
5	1.1.2 Women	54	20	25	164	1394	116	0	0	543	49167
6	1.2 Employed through Contractors	94	7	67	164	185	116	0	0	93	13319
7	2 Employees other than Worker	505	62	29	324	1181	127	2	107	1313	25594
8	2.1 Supervisory & Managerial Staff	141	32	17	127	548	99	0	11	711	12759
9	2.2 Other Employees	364	30	12	197	633	28	2	96	602	12835
10	3 Unpaid Family Members / Proprietor etc.	7	2	3	28	5	5	1	0	10	1111
11	B . Total Man-days Employed (in '000)	508	50	72	452	992	185	0	50	1443	38183
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	9642	473	1008	2739	10555	6325	1	651	11976	389362
13	1 . Wages & Salaries including Bonus	8203	411	933	2525	9488	4675	1	560	10728	341710
14	1.1 Wages & Salaries	7995	409	932	2479	9147	4103	1	556	10171	324288
15	1.1.1 Workers	4261	234	766	1561	3811	1516	0	153	6577	202291
16	1.1.2 Supervisory & Managerial Staff	988	120	138	497	2629	2092	0	76	2072	84156
17	1.1.3 Other Employees	2745	56	27	421	2708	497	1	326	1523	37834
18	1.2 Bonus to all Staff	208	2	1	46	341	572	0	4	557	17422
19	2 . Employer's Contribution etc.	1439	62	75	214	1067	1650	0	91	1248	47652

Table T.36: Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector by 2-digit industry group (NIC-2008) in Urban area.

Sector: Urban

Sl.No.	Characteristic	10	11	12	13	14	15	16	17	18
1	A . Average no. of Persons Engaged	38927	1798	6980	14739	1790	4307	3580	1556	4990
2	1 . Workers	31407	1472	6671	12739	1504	3383	2787	1243	2446
3	1.1 Directly Employed	25536	758	2752	11003	1446	3350	2594	1123	2122
4	1.1.1 Men	8734	409	119	6771	406	2697	1982	634	1882
5	1.1.2 Women	16802	349	2633	4232	1040	653	612	489	240
6	1.2 Employed through Contractors	5871	714	3919	1736	58	33	193	120	324
7	2 Employees other than Worker	7369	311	227	1918	281	871	661	272	2528
8	2.1 Supervisory & Managerial Staff	2833	174	65	845	200	316	434	141	697
9	2.2 Other Employees	4536	137	162	1073	81	555	227	131	1831
10	3 Unpaid Family Members / Proprietor etc.	151	15	82	82	5	53	132	41	16
11	B . Total Man-days Employed (in '000)	10990	417	1313	3923	465	1154	867	418	1619
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	99932	4492	5111	34284	2934	10613	6215	3744	39097
13	1 . Wages & Salaries including Bonus	86640	3963	4577	28864	2648	9422	5541	3364	34959
14	1.1 Wages & Salaries	81839	3813	4161	26986	2577	8862	5375	3241	33903
15	1.1.1 Workers	50521	2388	3871	20340	1889	5466	3499	1863	10113
16	1.1.2 Supervisory & Managerial Staff	18734	1067	111	4563	520	1251	1494	1152	10965
17	1.1.3 Other Employees	12579	355	178	2082	166	2150	379	224	12827
18	1.2 Bonus to all Staff	4801	150	416	1878	71	560	166	123	1056
19	2 . Employer's Contribution etc.	13292	529	534	5420	286	1191	674	380	4138

Table T.36: Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector by 2-digit industry group (NIC-2008)in Urban area.

Sector: Urban

Sl.No.	Characteristic	19	20	21	22	23	24	25	26	27
1	A . Average no. of Persons Engaged	6148	8106	6598	11718	5375	3474	4145	4874	4443
2	1 . Workers	5188	6176	4715	9474	4098	2510	3097	3629	3243
3	1.1 Directly Employed	1126	4119	3989	6782	3172	1527	2466	1757	2757
4	1.1.1 Men	1101	3543	2256	5747	2595	1434	2165	1083	1982
5	1.1.2 Women	25	576	1733	1035	577	93	301	674	775
6	1.2 Employed through Contractors	4062	2057	726	2692	926	983	631	1872	486
7	2 Employees other than Worker	959	1905	1873	2197	1168	955	995	1243	1186
8	2.1 Supervisory & Managerial Staff	734	1108	653	1242	669	565	564	763	781
9	2.2 Other Employees	225	797	1220	955	499	390	431	480	405
10	3 Unpaid Family Members / Proprietor etc.	1	25	10	47	109	9	53	2	14
11	B . Total Man-days Employed (in '000)	2176	2563	1968	3421	1465	1022	1178	1520	1298
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	69136	64441	22825	52481	18012	14274	12170	26171	21427
13	1 . Wages & Salaries including Bonus	51751	52819	19898	45834	15435	12254	10756	22523	17773
14	1.1 Wages & Salaries	51454	51840	19174	43919	14840	11858	10291	21997	17260
15	1.1.1 Workers	25941	26925	10448	28857	8608	5317	6609	10105	9360
16	1.1.2 Supervisory & Managerial Staff	22147	18926	5277	11861	4981	5591	2714	9517	6728
17	1.1.3 Other Employees	3365	5987	3446	3200	1246	951	964	2375	1167
18	1.2 Bonus to all Staff	297	979	724	1915	595	396	465	526	513
19	2 . Employer's Contribution etc.	17385	11622	2927	6647	2577	2020	1414	3648	3654

Table T.36: Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector by 2-digit industry group (NIC-2008)in Urban area.

Sector: Urban

Sl.No.	Characteristic	28	29	30	31	32	33	38	58	Others	Total
1	A . Average no. of Persons Engaged	1914	135	7499	1582	2540	764	82	2476	20035	170575
2	1 . Workers	1426	109	6758	1214	1866	637	29	617	14828	133266
3	1.1 Directly Employed	1203	109	1573	1200	1590	429	8	613	14070	99174
4	1.1.1 Men	1049	98	1519	992	1248	413	8	601	12679	64147
5	1.1.2 Women	154	11	54	208	342	16	0	12	1391	35027
6	1.2 Employed through Contractors	223	0	5185	14	276	208	21	4	758	34092
7	2 Employees other than Worker	462	23	734	336	662	126	52	1859	5144	36317
8	2.1 Supervisory & Managerial Staff	232	9	493	145	180	36	9	322	2638	16848
9	2.2 Other Employees	230	14	241	191	482	90	43	1537	2506	19469
10	3 Unpaid Family Members / Proprietor etc.	26	3	7	32	12	1	1	0	63	992
11	B . Total Man-days Employed (in '000)	525	35	2075	399	664	207	23	873	5505	48083
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	7520	311	41460	3871	5394	3317	356	14418	51209	635215
13	1 . Wages & Salaries including Bonus	6306	269	37048	3436	5039	3097	325	12118	45927	542586
14	1.1 Wages & Salaries	6035	263	34013	3345	4888	3055	316	11981	43827	521113
15	1.1.1 Workers	3266	193	19215	2360	2621	2317	71	2830	26473	291466
16	1.1.2 Supervisory & Managerial Staff	2098	33	9200	549	1028	240	120	3654	12018	156539
17	1.1.3 Other Employees	664	36	5598	437	1237	497	125	5496	5333	73064
18	1.2 Bonus to all Staff	271	6	3035	91	151	42	9	137	2100	21473
19	2 . Employer's Contribution etc.	1214	42	4412	435	355	220	31	2300	5282	92629

Table T.37: Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector by Type of Organization

Sl.No.	Characteristic	Individual Proprietorship	Partnership	Limited Liability Partnership	Government Company - Public	Government Company - Private
1	A . Average no. of Persons Engaged	55653	55003	4991	26775	9861
2	1 . Workers	48685	44242	4490	21943	8230
3	1.1 Directly Employed	40894	37496	4348	9559	6769
4	1.1.1 Men	12044	22790	2450	8617	5105
5	1.1.2 Women	28850	14706	1898	942	1664
6	1.2 Employed through Contractors	7791	6746	142	12384	1461
7	2 Employees other than Worker	5605	10267	491	4832	1630
8	2.1 Supervisory & Managerial Staff	2689	5089	319	2745	874
9	2.2 Other Employees	2916	5178	172	2087	756
10	3 Unpaid Family Members / Proprietor etc.	1363	494	10	0	1
11	B . Total Man-days Employed (in '000)	12729	14599	1521	8235	2943
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	74219	112778	9034	209311	48754
13	1 . Wages & Salaries including Bonus	66676	101607	8118	169410	41122
14	1.1 Wages & Salaries	61297	96617	7799	163429	39984
15	1.1.1 Workers	47675	62574	6605	89365	27389
16	1.1.2 Supervisory & Managerial Staff	8447	23935	887	55694	9543
17	1.1.3 Other Employees	5160	10082	307	18370	3048
18	1.2 Bonus to all Staff	5379	4990	319	5981	1138
19	2 . Employer's Contribution etc.	7543	11171	916	39901	7632

Table T.37: Estimate of (i) employment (ii) man-days employed and (iii) emoluments paid in the factory sector by Type of Organization

Sl.No.	Characteristic	Non-Government Company - Public	Non-Government Company - Private	Co-operative Society	Others	Total
1	A . Average no. of Persons Engaged	35877	102055	17402	3341	310958
2	1 . Workers	27097	74860	15154	2243	246944
3	1.1 Directly Employed	21760	63520	12953	2234	199533
4	1.1.1 Men	13828	45001	4273	1231	115339
5	1.1.2 Women	7932	18519	8680	1003	84194
6	1.2 Employed through Contractors	5337	11340	2201	9	47411
7	2 Employees other than Worker	8765	27083	2143	1095	61911
8	2.1 Supervisory & Managerial Staff	3830	12899	946	216	29607
9	2.2 Other Employees	4935	14184	1197	879	32304
10	3 Unpaid Family Members / Proprietor etc.	15	112	105	3	2103
11	B . Total Man-days Employed (in '000)	10643	29690	4922	984	86266
12	C . Wages & Salaries including Employers' Contribution (₹ lakhs)	154165	361977	44283	10056	1024577
13	1 . Wages & Salaries including Bonus	130922	319603	38243	8595	884296
14	1.1 Wages & Salaries	124369	306909	36615	8382	845401
15	1.1.1 Workers	75334	153127	26988	4700	493757
16	1.1.2 Supervisory & Managerial Staff	32859	102490	5788	1052	240695
17	1.1.3 Other Employees	16173	51290	3838	2630	110898
18	1.2 Bonus to all Staff	6553	12694	1628	213	38895
19	2 . Employer's Contribution etc.	23243	42374	6040	1461	140281

Table T.38: District wise estimate of fuels consumed in the factory sector by Type of Fuel

(Value figures in Thousands)

District	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
Kasargod	0	0	10327	72822	16071	0	5591
Kannur	0	0	78551	576072	357423	2944	42169
Wayanad	0	0	20886	185384	68846	104	88415
Kozhikode	0	2514	97611	661842	172244	93658	35953
Malappuram	0	4	60568	443082	384723	8905	170434
Palakkad	47	547659	475291	3285898	998968	3758	144327
Thrissur	20	112922	207520	1349303	492567	415	153515
Ernakulam	26	153755	1181075	7944236	19992336	17036125	477509
Idukki	0	0	60058	461940	241140	1816	323848
Kottayam	0	0	182068	1300621	500067	12470	441859
Alappuzha	0	730	156504	1228579	509737	2951	47292
Pathanamthitta	0	0	30345	239389	303648	3480	39379
Kollam	52	331932	98340	842119	1446623	121619	9875
Thiruvananthapuram	0	0	88830	631658	573536	149716	145270
Total	145	1149516	2747974	19222945	26057929	17437961	2125436

Table T.39: Estimate of fuels consumed in the factory sector by Type of Fuel for 2-digit industry group (NIC-2008)

Type of Fuel		(Value figures in Thousands)					
NIC (2 Digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tonne)	Value	Quantity (KWH)	Value	Value	Value	Value
10	16	100530	513644	3883936	1773087	25238	700216
11	2	15205	37430	265926	64866	81	34
12	0	0	149	1084	698	0	63
13	0	0	125598	943063	298243	2475	43995
14	0	0	19844	137937	108396	0	25582
15	0	0	19630	143182	105027	0	865
16	0	0	106354	763453	161150	502	8080
17	0	0	18335	133270	48072	869	33506
18	0	0	28592	216365	59006	2656	6238
19	0	0	116260	823376	16326447	16340965	4858
20	61	385157	444261	2769485	2671669	736926	287442
21	0	0	40313	303536	118715	3958	144715
22	20	113756	402553	2737991	769077	70546	485632
23	37	463839	212252	1471672	2320867	130933	223857
24	8	45712	414529	2835548	320910	81769	33470
25	1	25317	32824	237006	118336	12431	77281
26	0	0	28792	204165	90756	6	0
27	0	0	22493	163977	179751	101	1205
28	0	0	13058	91822	24335	776	702
29	0	0	563	4244	2294	387	0
30	0	0	36697	228803	112641	26186	30395
31	0	0	10448	81845	34106	9	7172
32	0	0	11343	85463	33555	939	488
33	0	0	12231	104199	30420	2	0
38	0	0	382	2722	6369	0	0
58	0	0	13980	103757	12594	0	373
Others	0	0	65419	485118	266542	206	9267
Total	145	1149516	2747974	19222945	26057929	17437961	2125436

Table T.40: Fuels consumed at the factory sector in rural and urban area by Type of fuel

Type of Fuel

(Value figures in Thousands)

Sector	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
Rural	125	1011029	1095086	7970024	5005569	168506	988965
Urban	20	138487	1652888	11252921	21052360	17269455	1136471
Total	145	1149516	2747974	19222945	26057929	17437961	2125436

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) - District wise details**

KASARAGOD

Type of Fuel (Value figures in Thousands)

NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	1855	13596	3619	0	5355
11	0	0	295	2072	293	0	0
12	0	0	28	196	265	0	0
13	0	0	2664	18658	0	0	8
14	0	0	21	150	16	0	0
16	0	0	2964	20391	4209	0	0
17	0	0	16	106	75	0	0
18	0	0	25	179	298	0	0
22	0	0	492	3276	1475	0	0
23	0	0	279	1954	1842	0	0
24	0	0	276	1968	156	0	0
25	0	0	22	181	162	0	0
31	0	0	181	1411	350	0	228
Others	0	0	1209	8684	3311	0	0

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

KANNUR

Type of Fuel

(Value figures in Thousands)

NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	10028	73162	31077	572	8118
11	0	0	502	3528	1451	0	0
12	0	0	60	413	8	0	0
13	0	0	9327	70835	11081	0	11038
14	0	0	593	4525	2530	0	707
15	0	0	554	3918	1167	0	0
16	0	0	23234	161093	48843	502	12
17	0	0	16	124	0	0	0
18	0	0	577	4331	395	0	0
19	0	0	90	630	1835	0	0
20	0	0	1388	9728	793	0	1022
21	0	0	393	2745	2162	560	1387
22	0	0	8057	64159	8660	0	87
23	0	0	14056	103156	228675	390	18112
24	0	0	34	740	0	0	0
25	0	0	343	2527	3394	44	0
26	0	0	2198	15081	816	0	0
27	0	0	61	425	70	0	0
28	0	0	118	704	510	696	0
30	0	0	54	379	40	0	0
31	0	0	5033	39964	8404	0	1516
32	0	0	209	1706	714	98	0
Others	0	0	1626	12199	4798	82	170

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

WAYANAD

Type of Fuel

(Value figures in Thousands)

NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	17006	159800	42498	0	79277
15	0	0	472	2735	515	0	0
16	0	0	191	1401	320	0	0
18	0	0	24	179	0	0	0
20	0	0	1179	8019	2642	104	8290
21	0	0	13	91	38	0	306
22	0	0	149	1013	68	0	0
23	0	0	1375	9402	21664	0	0
Others	0	0	477	2744	1101	0	542

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

KOZHIKODE

Type of Fuel

(Value figures in Thousands)

NIC (20digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	14977	104854	33253	1660	14410
11	0	0	124	796	873	0	0
12	0	0	14	113	73	0	0
13	0	0	6203	45164	200	0	0
14	0	0	113	791	828	0	0
15	0	0	6634	48907	8866	0	0
16	0	0	457	3248	154	0	0
17	0	0	418	3119	79	0	0
18	0	0	304	2418	199	0	0
19	0	0	188	1361	0	0	0
20	0	0	533	3951	16524	31	332
21	0	0	320	2467	888	0	3216
22	0	0	1581	13311	7249	0	0
23	0	0	1234	9177	19444	422	16454
24	0	2514	44080	272711	56012	81753	69
25	0	0	2491	14449	1179	9731	0
26	0	0	53	330	23	0	0
27	0	0	355	2694	261	0	1203
28	0	0	214	1465	623	59	0
30	0	0	248	1750	0	0	0
31	0	0	175	1384	813	0	0
32	0	0	61	662	45	0	0
33	0	0	24	218	10	2	0
38	0	0	27	195	0	0	0
58	0	0	12664	94660	10037	0	0
Others	0	0	4119	31647	14611	0	269

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

MALAPPURAM

Type of Fuel		(Value figures in Thousands)					
NIC (2-digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	24349	176296	140848	944	8988
11	0	0	133	933	194	70	0
12	0	0	4	29	352	0	63
13	0	0	9887	75139	7304	0	0
14	0	0	883	6627	1462	0	0
15	0	0	2409	18211	3979	0	550
16	0	0	1380	9406	1710	0	0
17	0	0	884	6526	5423	0	0
18	0	0	658	4634	3465	0	0
19	0	0	1536	15171	597	0	0
20	0	0	1156	9124	2212	0	0
21	0	0	3112	21746	4006	0	88094
22	0	0	6058	44926	22960	7463	66421
23	0	0	3372	20026	172049	0	5101
25	0	4	136	1017	84	164	0
26	0	0	91	658	12	0	0
27	0	0	157	1141	231	0	0
29	0	0	66	551	565	0	0
30	0	0	92	642	48	0	0
31	0	0	1391	10595	7050	0	1107
32	0	0	312	2124	675	264	3
58	0	0	203	1481	217	0	0
Others	0	0	2299	16079	9280	0	107

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

PALAKKAD

Type of Fuel		(Value figures in Thousands)					
NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	26165	192161	94346	31	12427
11	2	15205	5283	37940	5342	0	0
13	0	0	37659	289057	133909	223	0
14	0	0	677	4865	1273	0	24638
16	0	0	3876	26877	7865	0	0
17	0	0	3842	27674	22376	0	0
18	0	0	236	1589	1167	0	1
19	0	0	2075	15799	1799	0	0
20	0	0	1425	10304	26344	0	0
21	0	0	2952	22347	15707	312	6242
22	0	834	55588	416492	63011	608	82262
23	37	463839	101798	624640	418160	0	75
24	7	43198	222134	1528950	163390	0	16908
25	1	24583	3258	23487	19249	2413	313
26	0	0	2093	15917	6078	0	0
27	0	0	881	6726	2872	0	0
28	0	0	1747	13399	3689	0	96
29	0	0	29	233	147	171	0
31	0	0	1073	8918	2137	0	0
32	0	0	617	4570	5489	0	0
38	0	0	48	361	846	0	0
Others	0	0	1835	13592	3772	0	690

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

THRISSUR

Type of Fuel

(Value figures in Thousands)

NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	(Value)	Quantity (KWH)	(Value)	(Value)	(Value)	(Value)
10	0	0	47476	331473	56809	284	14763
11	0	0	2437	14900	4696	0	0
12	0	0	43	333	0	0	0
13	0	0	7782	56225	3874	0	426
14	0	0	102	743	571	0	0
15	0	0	127	884	207	0	0
16	0	0	441	2984	649	0	0
17	0	0	958	6190	2628	0	0
18	0	0	1915	13349	1563	0	18
19	0	0	26	173	1216	0	0
20	0	0	2298	15143	3773	0	0
21	0	0	3843	27718	19373	0	23494
22	2	112922	91928	566386	221551	0	3323
23	0	0	11891	83096	91814	0	83339
24	0	0	14415	102376	17114	0	6
25	0	0	7176	53343	4700	0	27069
26	0	0	91	656	725	0	0
27	0	0	420	2855	673	0	2
28	0	0	2777	18620	9281	0	192
29	0	0	341	2418	924	0	0
30	0	0	1	6	0	0	0
31	0	0	310	2192	110	0	0
32	0	0	1478	12197	2989	48	97
33	0	0	79	573	119	0	0
Others	0	0	9165	34470	47208	83	786

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

ERNAKULAM

Type of Fuel		(Value figures in Thousands)					
NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	16	100530	143644	1036546	434559	10841	170111
11	0	0	27413	195940	49100	0	0
13	0	0	17629	122835	39942	0	8934
14	0	0	17217	118518	101202	0	0
15	0	0	539	3821	949	0	0
16	0	0	67925	491183	75475	0	7704
17	0	0	6064	44107	7869	700	5208
18	0	0	7625	58122	16815	0	6219
19	0	0	112166	788727	16316289	16340965	4784
20	9	53225	372179	2172700	1745631	616249	153884
21	0	0	21367	163445	40757	227	3445
22	0	0	107023	761456	205053	8442	20785
23	0	0	25072	187917	327956	33020	0
24	1	0	120545	829147	67991	16	16143
25	0	0	17394	127043	70810	71	49888
26	0	0	22029	154637	79317	6	0
27	0	0	18466	132279	171197	19	0
28	0	0	6640	46014	5962	21	0
29	0	0	57	394	298	200	0
30	0	0	33266	204582	109943	24817	30395
31	0	0	1061	7957	12913	0	0
32	0	0	5841	41384	16491	491	0
33	0	0	10263	90351	29278	0	0
38	0	0	307	2166	5523	0	0
Others	0	0	19343	162965	61016	40	9

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

IDUKKI

Type of Fuel

(Value figures in Thousands)

NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	52414	399398	181762	1816	306107
11	0	0	327	2979	20	0	34
15	0	0	254	2298	1890	0	0
16	0	0	638	5070	3831	0	29
18	0	0	38	310	0	0	0
20	0	0	80	937	288	0	137
21	0	0	472	4207	3957	0	13309
22	0	0	1835	15496	905	0	370
23	0	0	2517	19973	45093	0	0
27	0	0	278	2544	1172	0	0
31	0	0	485	3620	771	0	3460
Others	0	0	720	5108	1451	0	402

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

KOTTAYAM

Type of Fuel

(Value figures in Thousands)

NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	31019	243906	93116	982	33476
11	0	0	16	178	5	0	0
13	0	0	5186	42630	2039	0	8656
14	0	0	68	454	190	0	61
15	0	0	8601	62100	87370	0	168
16	0	0	2177	17679	2180	0	225
17	0	0	4988	36288	2141	169	28014
18	0	0	12879	99428	29181	2656	0
19	0	0	116	1013	4711	0	74
20	0	0	333	2419	13314	0	45
21	0	0	1631	12010	9908	23	611
22	0	0	93173	599882	139936	8558	291740
23	0	0	13954	119881	77061	0	75653
24	0	0	2912	20488	7953	0	0
25	0	0	139	1332	5583	0	0
27	0	0	430	4080	407	82	0
28	0	0	378	3031	650	0	46
29	0	0	54	533	308	0	0
31	0	0	309	2454	613	0	639
32	0	0	106	953	1062	0	388
58	0	0	1113	7616	2340	0	373
Others	0	0	2486	22266	19999	0	1690

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

ALAPPUZHA

Type of Fuel		(Value figures in Thousands)					
NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	96615	765613	341688	682	32441
11	0	0	322	2355	77	0	0
13	0	0	24930	191788	98601	2252	13648
14	0	0	29	220	64	0	0
15	0	0	35	272	76	0	147
16	0	0	586	4608	5634	0	61
17	0	0	855	7045	3262	0	284
18	0	0	28	211	29	0	0
20	0	0	1304	9197	4321	0	32
21	0	0	4116	31362	11261	0	0
22	0	0	6116	48890	8204	0	349
23	0	0	366	3024	3335	0	0
24	0	0	6783	50700	2460	0	0
25	0	73	991	6952	5119	8	11
26	0	0	138	1120	105	0	0
27	0	0	698	5482	688	0	0
28	0	0	1070	7723	3246	0	0
29	0	0	9	65	44	0	0
30	0	0	110	858	379	0	0
31	0	0	188	1496	281	9	222
32	0	0	2020	16467	5750	0	0
33	0	0	3	23	338	0	0
Others	0	0	9192	73108	14775	0	97

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

PATHANAMTHITTA

Type of Fuel

(Value figures in Thousands)

NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	11513	87975	59745	2354	4986
11	0	0	299	2222	1092	11	0
13	0	0	179	1422	320	0	973
15	0	0	5	36	8	0	0
16	0	0	370	2885	218	0	49
18	0	0	21	160	198	0	0
20	0	0	68	533	169	0	802
21	0	0	34	244	190	6	574
22	0	0	1543	12346	3186	0	7372
23	0	0	14770	119452	226568	1070	24448
24	0	0	50	510	5746	0	0
25	0	0	383	2990	1225	0	0
27	0	0	24	196	358	0	0
31	0	0	38	270	82	0	0
32	0	0	23	178	7	38	0
Others	0	0	1025	7970	4536	1	175

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

KOLLAM

Type of Fuel

(Value figures in Thousands)

NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	22163	198101	205733	1023	8141
11	0	0	121	979	1645	0	0
13	0	0	212	1725	435	0	0
14	0	0	51	407	172	0	0
16	0	0	494	4559	2087	0	0
17	0	0	48	386	106	0	0
18	0	0	268	2135	1239	0	0
19	0	0	63	502	0	0	0
20	52	331932	52257	443840	853226	120542	714
21	0	0	51	1100	938	0	192
22	0	0	5078	42484	30300	0	0
23	0	0	8111	65784	316061	0	0
24	0	0	3258	27664	88	0	344
25	0	0	351	2708	5529	0	0
27	0	0	406	3409	439	0	0
28	0	0	83	654	51	0	368
29	0	0	7	50	8	16	0
30	0	0	73	613	60	38	0
31	0	0	92	768	554	0	0
32	0	0	51	425	300	0	0
33	0	0	1	8	0	0	0
Others	0	0	5101	43818	27652	0	116

**Table T.41: Estimate of fuels consumed in the factory by 2-digit industry group
(NIC-2008) -District wise details**

THIRUVANANTHAPURAM

Type of Fuel		(Value figures in Thousands)					
NIC (2 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
10	0	0	14420	101055	54034	4049	1616
11	0	0	158	1104	78	0	0
13	0	0	3940	27585	538	0	312
14	0	0	90	637	88	0	176
16	0	0	1621	12069	7975	0	0
17	0	0	246	1705	4113	0	0
18	0	0	3994	29320	4457	0	0
20	0	0	10061	83590	2432	0	122184
21	0	0	2009	14054	9530	2830	3845
22	0	0	23932	147874	56519	45475	12923
23	0	0	13457	104190	371145	96031	0
24	0	0	42	294	0	0	0
25	0	0	140	977	1302	0	0
26	0	0	2099	15766	3680	0	0
27	0	0	317	2146	1383	0	0
28	0	0	31	212	323	0	0
30	0	0	2853	19973	2171	1331	0
31	0	0	112	816	28	0	0
32	0	0	625	4797	33	0	0
33	0	0	1861	13026	675	0	0
Others	0	0	6822	50468	53032	0	4214
Total	145	1149516	2747974	19222945	26057929	17437961	2125436

Table T.42: Estimate of fuels consumed in the factory sector by type of fuel for 3-digit industry group (NIC-2008) for 2020 -21

Type of Fuel		(Value figures in Thousands)					
NIC (3 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
101	0	0	1738	12049	3326	0	560
102	0	0	130832	1006182	342419	1593	40526
103	0	0	3103	22130	26706	592	15458
104	0	0	29595	215415	118486	561	72697
105	0	0	59627	440550	280929	758	26075
106	0	0	104097	764077	261735	638	56883
107	16	100530	163937	1275903	686990	21096	465640
108	0	0	20715	147630	52496	0	22377
110	2	15205	37430	265926	64866	81	34
120	0	0	149	1084	698	0	63
131	0	0	106114	796633	176840	223	9254
139	0	0	19484	146430	121403	2252	34741
141	0	0	19704	136938	107784	0	25442
143	0	0	140	999	612	0	140
151	0	0	223	1627	508	0	0
152	0	0	19407	141555	104519	0	865
161	0	0	4739	35126	8919	0	145
162	0	0	101615	728327	152231	502	7935
17 1	0	0	18335	133270	48072	869	33506
181	0	0	28592	216365	59006	2656	6238
191	0	0	2077	15212	4955	0	3286
192	0	0	114183	808164	16321492	16340965	1572

Table T.42 Estimate of fuels consumed in the factory sector by type of fuel for 3-digit industry group (NIC-2008) for 2020 -21

Type of Fuel		(Value figures in Thousands)					
NIC (3 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
201	58	363418	391080	2380602	2512189	717356	122930
202	3	21739	53173	388818	159480	19570	164512
203	0	0	8	65	0	0	0
210	0	0	40313	303536	118715	3958	144715
221	2	113756	275424	1828087	379171	60092	463735
222	0	0	127129	909904	389906	10454	21897
231	0	0	9258	69460	38628	0	3 6
239	37	463839	202994	1402212	2282239	130933	223551
241	8	45043	274760	1868392	256670	1018	69
242	0	0	105167	727023	37995	16	30835
243	0	669	34602	240133	26245	80735	2566
251	0	730	18946	135543	47493	9783	49697
252	0	0	210	1575	238	0	0
259	1	24587	13668	99888	70605	2648	27584
261	0	0	24942	174851	79769	0	0
262	0	0	540	3783	1095	0	0
263	0	0	2272	17570	6919	0	0
264	0	0	35	318	33	0	0
265	0	0	227	1758	334	6	0
266	0	0	609	4679	2457	0	0
267	0	0	167	1206	149	0	0
271	0	0	15765	114910	170070	19	0
272	0	0	2062	16025	2057	82	1203
273	0	0	3614	25373	3802	0	2
274	0	0	133	929	2856	0	0
275	0	0	145	967	175	0	0

Table T.42: Estimate of fuels consumed in the factory sector by type of fuel for 3-digit industry group (NIC-2008) for 2020 -21

Type of Fuel		(Value figures in Thousands)					
NIC (3 digit)	Coal		Electricity		Petroleum Products	Gas	Other Fuels
	Quantity (Tone)	Value	Quantity (KWH)	Value	Value	Value	Value
279	0	0	774	5773	791	0	0
281	0	0	4303	30954	6303	21	470
282	0	0	8755	60868	18032	755	232
291	0	0	9	65	44	0	0
292	0	0	181	1420	601	387	0
293	0	0	373	2759	1649	0	0
301	0	0	33465	206079	110367	24855	30395
303	0	0	3110	21868	1703	1331	0
309	0	0	122	856	571	0	0
310	0	0	10448	81845	34106	9	7172
321	0	0	1178	9408	2675	264	3
322	0	0	20	150	39	0	0
323	0	0	71	715	1336	0	0
324	0	0	115	894	464	0	0
325	0	0	7708	56212	21197	184	485
329	0	0	2251	18084	7844	491	0
331	0	0	2209	15789	5286	2	0
332	0	0	10022	88410	25134	0	0
381	0	0	307	2166	5523	0	0
382	0	0	48	361	846	0	0
383	0	0	27	195	0	0	0
581	0	0	13980	103757	12594	0	373
Others	0	0	65419	485118	266542	206	9267
Total	145	1149516	2747974	19222945	26057929	17437961	2125436

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

KASARGOD

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
104	0	0	991	7057	2255	0	5326
105	0	0	372	2603	1173	0	0
107	0	0	492	3936	191	0	29
110	0	0	295	2072	293	0	0
120	0	0	28	196	265	0	0
131	0	0	2629	18407	0	0	8
139	0	0	35	251	0	0	0
141	0	0	21	150	16	0	0
161	0	0	475	2779	927	0	0
162	0	0	2489	17612	3282	0	0
170	0	0	16	106	75	0	0
181	0	0	25	179	298	0	0
221	0	0	79	555	668	0	0
222	0	0	413	2721	807	0	0
239	0	0	279	1954	1842	0	0
241	0	0	276	1968	156	0	0
259	0	0	22	181	162	0	0
310	0	0	181	1411	350	0	228
Others	0	0	1209	8684	3311	0	0

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

KANNUR

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
101	0	0	30	211	0	0	0
103	0	0	17	115	16	22	0
104	0	0	782	5576	1907	550	6303
105	0	0	4901	34512	17976	0	1150
106	0	0	2690	20923	2476	0	0
107	0	0	1604	11798	8641	0	665
108	0	0	4	27	61	0	0
110	0	0	502	3528	1451	0	0
120	0	0	60	413	8	0	0
131	0	0	8352	63920	6928	0	8738
139	0	0	975	6915	4153	0	2300
141	0	0	538	4140	2143	0	567
143	0	0	55	385	387	0	140
151	0	0	9	62	1	0	0
152	0	0	545	3856	1166	0	0
161	0	0	558	4357	3853	0	0
162	0	0	22676	156736	44990	502	12
170	0	0	16	124	0	0	0
181	0	0	577	4331	395	0	0
192	0	0	90	630	1835	0	0
201	0	0	1263	8846	109	0	0
202	0	0	125	882	684	0	1022
210	0	0	393	2745	2162	560	1387
221	0	0	4435	35398	1848	0	87
222	0	0	3622	28761	6812	0	0
231	0	0	705	4932	500	0	0
239	0	0	13351	98224	228175	390	18112
241	0	0	34	740	0	0	0
251	0	0	65	469	465	44	0
252	0	0	210	1575	238	0	0
259	0	0	68	483	2691	0	0
261	0	0	2198	15081	816	0	0
271	0	0	2	14	0	0	0
272	0	0	59	411	70	0	0
282	0	0	118	704	510	696	0
301	0	0	54	379	40	0	0
310	0	0	5033	39964	8404	0	1516
321	0	0	34	239	18	0	0
323	0	0	42	371	288	0	0
325	0	0	133	1096	408	98	0
Others	0	0	1626	12199	4798	82	170

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

WAYANAD

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
101	0	0	823	5598	2880	0	560
105	0	0	3120	21555	6100	0	11121
107	0	0	13063	132647	33518	0	67596
152	0	0	472	2735	515	0	0
161	0	0	30	213	198	0	0
162	0	0	161	1188	122	0	0
181	0	0	24	179	0	0	0
202	0	0	1179	8019	2642	14	8290
210	0	0	13	91	38	0	306
222	0	0	149	1013	68	0	0
239	0	0	1375	9402	21664	0	0
Others	0	0	477	2744	1101	0	542

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

KOZHIKODE

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity(KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
102	0	0	529	3806	2899	0	10913
103	0	0	149	473	2968	0	645
104	0	0	664	4423	0	0	68
105	0	0	4031	29493	21770	4	0
106	0	0	9443	65531	5078	0	0
107	0	0	110	780	60	1656	2751
108	0	0	51	348	478	0	33
110	0	0	124	796	873	0	0
120	0	0	14	113	73	0	0
131	0	0	6076	44207	200	0	0
139	0	0	127	957	0	0	0
141	0	0	113	791	828	0	0
152	0	0	6634	48907	8866	0	0
161	0	0	371	2564	20	0	0
162	0	0	86	684	134	0	0
170	0	0	418	3119	79	0	0
181	0	0	304	2418	199	0	0
192	0	0	188	1361	0	0	0
202	0	0	533	3951	16524	31	332
210	0	0	320	2467	888	0	3216
221	0	0	1117	8985	7159	0	0
222	0	0	464	4326	90	0	0
239	0	0	1234	9177	19444	422	16454
241	0	1977	30933	185371	49554	1018	69
243	0	537	13147	87340	6458	80735	0
251	0	0	2489	14434	1179	9731	0
259	0	0	2	15	0	0	0
266	0	0	53	330	23	0	0
272	0	0	355	2694	261	0	1203
282	0	0	214	1465	623	59	0
303	0	0	248	1750	0	0	0
310	0	0	175	1384	813	0	0
325	0	0	61	662	45	0	0
331	0	0	24	218	10	2	0
383	0	0	27	195	0	0	0
581	0	0	12664	94660	10037	0	0
Others	0	0	4119	31647	14611	0	269

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

MALAPPURAM

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
103	0	0	707	5288	1005	35	3774
104	0	0	15280	111648	84391	7	84
105	0	0	3333	22314	8218	0	618
106	0	0	2878	20982	25159	0	61
107	0	0	1983	14879	15859	902	1286
108	0	0	168	1185	6216	0	3165
110	0	0	133	933	194	70	0
120	0	0	4	29	352	0	63
131	0	0	9829	74701	6190	0	0
139	0	0	58	438	1114	0	0
141	0	0	883	6627	1462	0	0
152	0	0	2409	18211	3979	0	550
161	0	0	141	926	279	0	0
162	0	0	1239	8480	1431	0	0
170	0	0	884	6526	5423	0	0
181	0	0	658	4634	3465	0	0
192	0	0	1536	15171	597	0	0
201	0	0	1156	9124	2212	0	0
210	0	0	3112	21746	4006	0	88094
221	0	0	4555	34639	19929	696	66421
222	0	0	1503	10287	3031	6767	0
239	0	0	3372	20026	172049	0	5101
251	0	0	41	288	38	0	0
259	0	0	95	729	46	164	0
261	0	0	91	658	12	0	0
271	0	0	70	524	96	0	0
273	0	0	80	572	42	0	0
279	0	0	7	45	93	0	0
292	0	0	3	19	1	0	0
293	0	0	63	532	564	0	0
303	0	0	92	642	48	0	0
310	0	0	1391	10595	7050	0	1107
321	0	0	312	2124	675	264	3
581	0	0	203	1481	217	0	0
Others	0	0	2299	16079	9280	0	107

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

PALAKKAD

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
102	0	0	400	3199	671	0	0
103	0	0	333	2348	2294	0	629
104	0	0	952	6551	2555	0	0
105	0	0	6114	46184	31309	31	0
106	0	0	13623	97540	43549	0	7453
107	0	0	2447	19118	5938	0	873
108	0	0	2296	17221	8030	0	3472
110	2	15205	5283	37940	5342	0	0
131	0	0	37232	286067	131900	223	0
139	0	0	427	2990	2009	0	0
141	0	0	677	4865	1273	0	24638
161	0	0	746	5411	1091	0	0
162	0	0	3130	21466	6774	0	0
170	0	0	3842	27674	22376	0	0
181	0	0	236	1589	1167	0	1
192	0	0	2075	15799	1799	0	0
201	0	0	138	988	1923	0	0
202	0	0	1279	9251	24421	0	0
203	0	0	8	65	0	0	0
210	0	0	2952	22347	15707	312	6242
221	0	834	32501	252419	21670	608	82262
222	0	0	23087	164073	41341	0	0
231	0	0	2439	18348	15278	0	0
239	37	463839	99359	606292	402882	0	750
241	7	43066	210118	1449452	126285	0	0
242	0	0	10889	71376	36607	0	16908
243	0	132	1127	8122	498	0	0
251	0	0	882	6722	10205	0	0
259	1	24583	2376	16765	9044	2413	313
261	0	0	47	332	295	0	0
263	0	0	1842	13871	5503	0	0
266	0	0	204	1714	280	0	0
271	0	0	28	198	170	0	0
272	0	0	733	5620	1116	0	0
273	0	0	109	822	1360	0	0
274	0	0	9	70	226	0	0
279	0	0	2	16	0	0	0
281	0	0	1684	12956	3219	0	96
282	0	0	63	443	470	0	0
292	0	0	29	233	147	171	0
310	0	0	1073	8918	2137	0	0
325	0	0	613	4542	5489	0	0
329	0	0	4	28	0	0	0
382	0	0	48	361	846	0	0
Others	0	0	1835	13592	3772	0	690

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details THRISSUR

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
102	0	0	2905	19843	7376	115	4290
103	0	0	52	384	439	0	87
104	0	0	2765	19662	4626	4	2005
105	0	0	3887	27701	3940	0	3796
106	0	0	15106	106240	7732	0	4011
107	0	0	11153	76125	15765	165	574
108	0	0	11608	81518	16931	0	0
110	0	0	2437	14900	4696	0	0
120	0	0	43	333	0	0	0
131	0	0	7686	55539	3786	0	426
139	0	0	96	686	88	0	0
141	0	0	102	743	571	0	0
152	0	0	127	884	207	0	0
161	0	0	357	2409	647	0	0
162	0	0	84	575	2	0	0
170	0	0	958	6190	2628	0	0
181	0	0	1915	13349	1563	0	18
192	0	0	26	173	1216	0	0
201	0	0	1965	12911	623	0	0
202	0	0	333	2232	3150	0	0
210	0	0	3843	27718	19373	0	23494
221	2	112922	66346	385653	48816	0	3260
222	0	0	25582	180733	172735	0	63
231	0	0	799	6114	6174	0	306
239	0	0	11092	76982	85640	0	83033
241	0	0	11486	81524	12579	0	0
242	0	0	72	444	1361	0	6
243	0	0	2857	20408	3174	0	0
251	0	0	2325	18487	79	0	0
259	0	0	4851	34856	4621	0	27069
261	0	0	87	626	710	0	0
264	0	0	4	30	15	0	0
271	0	0	11	80	211	0	0
272	0	0	159	1151	258	0	0
273	0	0	25	177	0	0	2
274	0	0	4	27	0	0	0
279	0	0	221	1420	204	0	0
281	0	0	1767	11553	826	0	6
282	0	0	1010	7067	8455	0	186
292	0	0	54	407	0	0	0
293	0	0	287	2011	924	0	0
301	0	0	1	6	0	0	0
310	0	0	310	2192	110	0	0
321	0	0	635	5682	1753	0	0
325	0	0	708	5573	1202	48	97
329	0	0	135	942	34	0	0
331	0	0	79	573	119	0	0
Others	0	0	9165	34470	47208	83	786

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

ERNAKULAM

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
101	0	0	885	6240	446	0	0
102	0	0	33004	240176	45247	1247	0
103	0	0	1736	12557	19514	301	9593
104	0	0	4847	34088	19510	0	57520
105	0	0	12542	90442	41811	640	1969
106	0	0	32763	235783	121443	0	31884
107	16	100530	54232	390469	176530	8653	59931
108	0	0	3635	26791	10058	0	9214
110	0	0	27413	195940	49100	0	0
131	0	0	14605	101287	17120	0	2
139	0	0	3024	21548	22822	0	8932
141	0	0	17151	118046	100997	0	0
143	0	0	66	472	205	0	0
151	0	0	193	1370	507	0	0
152	0	0	346	2451	442	0	0
161	0	0	973	7352	1233	0	0
162	0	0	66952	483831	74242	0	7704
170	0	0	6064	44107	7869	700	5208
181	0	0	7625	58122	16815	0	6219
191	0	0	2077	15212	4955	0	3286
192	0	0	110089	773515	16311334	16340965	1498
201	6	31486	323367	1815205	1646029	596814	0
202	3	21739	48812	357495	99602	19435	153884
210	0	0	21367	163445	40757	227	3445
221	0	0	61085	420378	92801	8442	20785
222	0	0	45938	341078	112252	0	0
231	0	0	4403	33687	16413	0	0
239	0	0	20669	154230	311543	33020	0
241	1	0	21335	144353	61373	0	0

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

ERNAKULAM

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity(KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
242	0	0	90959	627620	1	16	13921
243	0	0	8251	57174	6617	0	2222
251	0	0	12379	90195	26854	0	49686
259	0	0	5015	36848	43956	71	202
261	0	0	21604	151591	77936	0	0
263	0	0	92	654	1003	0	0
265	0	0	89	638	229	6	0
266	0	0	77	548	0	0	0
267	0	0	167	1206	149	0	0
271	0	0	14662	105838	167043	19	0
272	0	0	430	3013	100	0	0
273	0	0	3312	22980	1656	0	0
274	0	0	46	328	2350	0	0
275	0	0	13	100	5	0	0
279	0	0	3	20	43	0	0
281	0	0	302	2201	349	21	0
282	0	0	6338	43813	5613	0	0
292	0	0	49	336	163	200	0
293	0	0	8	58	135	0	0
301	0	0	33266	204582	109943	24817	30395
310	0	0	1061	7957	12913	0	0
321	0	0	191	1319	178	0	0
322	0	0	20	150	39	0	0
324	0	0	70	513	215	0	0
325	0	0	5468	38755	13999	0	0
329	0	0	92	647	2060	491	0
331	0	0	241	1941	4144	0	0
332	0	0	10022	88410	25134	0	0
381	0	0	307	2166	5523	0	0
Others	0	0	19343	162965	61016	40	9

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

IDUKKI

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
105	0	0	263	2037	1558	56	665
107	0	0	52151	397361	180204	1760	305442
110	0	0	327	2979	20	0	34
152	0	0	254	2298	1890	0	0
161	0	0	38	277	92	0	0
162	0	0	600	4793	3739	0	29
181	0	0	38	310	0	0	0
201	0	0	42	513	251	0	0
202	0	0	38	424	37	0	137
210	0	0	472	4207	3957	0	13309
221	0	0	1828	15411	905	0	370
222	0	0	7	85	0	0	0
239	0	0	2517	19973	45093	0	0
271	0	0	232	2053	468	0	0
273	0	0	46	491	704	0	0
310	0	0	485	3620	771	0	3460
Others	0	0	720	5108	1451	0	402

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

KOTTAYAM

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
103	0	0	53	547	99	0	610
104	0	0	125	862	1867	0	281
105	0	0	3693	29489	16819	6	2007
106	0	0	22253	176470	20226	0	13474
107	0	0	3488	27434	50986	976	10611
108	0	0	1407	9104	3119	0	6493
110	0	0	16	178	5	0	0
131	0	0	4673	39552	142	0	50
139	0	0	513	3078	1897	0	8606
141	0	0	68	454	190	0	61
151	0	0	21	195	0	0	0
152	0	0	8580	61905	87370	0	168
161	0	0	755	6565	368	0	96
162	0	0	1422	11114	1812	0	129
170	0	0	4988	36288	2141	169	28014
181	0	0	12879	99428	29181	2656	0
192	0	0	116	1013	4711	0	74
201	0	0	128	958	9008	0	0
202	0	0	205	1461	4306	0	45
210	0	0	1631	12010	9908	23	611
221	0	0	87583	559215	134560	8558	283620
222	0	0	5590	40667	5376	0	0
239	0	0	13954	119881	77061	0	75653
243	0	0	2912	20488	7953	0	0
259	0	0	139	1332	5583	0	0
271	0	0	99	889	117	0	0
272	0	0	326	3136	252	82	0
273	0	0	5	55	38	0	0
281	0	0	26	282	320	0	0
282	0	0	352	2749	330	0	46
292	0	0	39	375	282	0	0
293	0	0	15	158	26	0	0
310	0	0	309	2454	613	0	639
323	0	0	29	344	1048	0	0
325	0	0	77	609	14	0	388
581	0	0	1113	7616	2340	0	373
Others	0	0	2486	22266	19999	0	1690

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

ALAPPUZHA

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity(KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
102	0	0	86046	681213	262221	0	25323
103	0	0	19	147	286	0	70
104	0	0	273	2217	378	0	0
105	0	0	3728	30254	31479	7	1494
106	0	0	618	4817	346	638	0
107	0	0	4564	37053	41324	37	5554
108	0	0	1367	9912	5654	0	0
110	0	0	322	2355	77	0	0
131	0	0	11209	86003	10117	0	0
139	0	0	13721	105785	88484	2252	13648
141	0	0	10	78	44	0	0
143	0	0	19	142	20	0	0
152	0	0	35	272	76	0	147
161	0	0	44	332	55	0	0
162	0	0	542	4276	5579	0	61
170	0	0	855	7045	3262	0	284
181	0	0	28	211	29	0	0
201	0	0	971	6569	116	0	32
202	0	0	333	2628	4205	0	0
210	0	0	4116	31362	11261	0	0
221	0	0	3767	30599	1186	0	349
222	0	0	2349	18291	7018	0	0
239	0	0	366	3024	3335	0	0
241	0	0	528	4474	977	0	0
243	0	0	6255	46226	1483	0	0
251	0	0	356	1798	737	8	11
259	0	0	635	5154	4382	0	0
265	0	0	138	1120	105	0	0
271	0	0	179	1350	686	0	0
273	0	0	37	276	2	0	0
279	0	0	482	3856	0	0	0
281	0	0	417	3140	1218	0	0
282	0	0	653	4583	2028	0	0
291	0	0	9	65	44	0	0
301	0	0	110	858	379	0	0
310	0	0	188	1496	281	9	222
329	0	0	2020	16467	5750	0	0
331	0	0	3	23	338	0	0
Others	0	0	9192	73108	14775	0	97

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

PATHANAMTHITTA

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity(KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
104	0	0	139	1019	113	0	302
105	0	0	2639	21116	18939	0	2497
106	0	0	2161	17272	10385	0	0
107	0	0	6574	48568	30308	2354	2187
110	0	0	299	2222	1092	11	0
139	0	0	179	1422	320	0	973
152	0	0	5	36	8	0	0
161	0	0	52	416	0	0	49
162	0	0	318	2469	218	0	0
181	0	0	21	160	198	0	0
201	0	0	9	67	48	0	0
202	0	0	59	466	121	0	802
210	0	0	34	244	190	6	574
221	0	0	1141	9132	1839	0	6581
222	0	0	402	3214	1347	0	791
239	0	0	14770	119452	226568	1070	24448
241	0	0	50	510	5746	0	0
251	0	0	207	1670	1136	0	0
259	0	0	176	1320	89	0	0
271	0	0	19	156	358	0	0
274	0	0	5	40	0	0	0
310	0	0	38	270	82	0	0
325	0	0	23	178	7	38	0
Others	0	0	1025	7970	4536	1	175

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

KOLLAM

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
102	0	0	6749	50412	22681	0	0
103	0	0	19	148	85	227	0
104	0	0	2662	21511	882	0	0
105	0	0	3146	26737	50201	9	0
106	0	0	1010	8395	15624	0	0
107	0	0	8398	89374	114311	787	8141
108	0	0	179	1524	1949	0	0
110	0	0	121	979	1645	0	0
131	0	0	161	1314	208	0	0
139	0	0	51	411	227	0	0
141	0	0	51	407	172	0	0
161	0	0	172	1335	156	0	0
162	0	0	322	3224	1931	0	0
170	0	0	48	386	106	0	0
181	0	0	268	2135	1239	0	0
192	0	0	63	502	0	0	0
201	52	331932	52018	442100	850898	120542	714
202	0	0	239	1740	2328	0	0
210	0	0	51	1100	938	0	192
221	0	0	2181	19257	10796	0	0
222	0	0	2897	23227	19504	0	0
239	0	0	8111	65784	316061	0	0
242	0	0	3247	27583	26	0	0
243	0	0	11	81	62	0	344
251	0	0	119	901	5506	0	0
259	0	0	232	1807	23	0	0
271	0	0	406	3409	439	0	0
281	0	0	78	618	48	0	368
282	0	0	5	36	3	0	0
292	0	0	7	50	8	16	0
301	0	0	17	133	0	38	0
303	0	0	56	480	60	0	0
310	0	0	92	768	554	0	0
321	0	0	6	44	51	0	0
324	0	0	45	381	249	0	0
331	0	0	1	8	0	0	0
Others	0	0	5101	43818	27652	0	116

Table T.43: Estimate of fuels consumed in the factory sector by Type of fuel for 3-digit industry group (NIC-2008) -District wise details

THIRUVANANTHAPURAM

Characteristic	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tone)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
102	0	0	1199	7533	1324	231	0
103	0	0	18	123	0	7	50
104	0	0	115	801	2	0	808
105	0	0	7858	56113	29636	5	758
106	0	0	1552	10124	9717	0	0
107	0	0	3678	26361	13355	3806	0
110	0	0	158	1104	78	0	0
131	0	0	3662	25636	249	0	30
139	0	0	278	1949	289	0	282
141	0	0	90	637	88	0	176
161	0	0	27	190	0	0	0
162	0	0	1594	11879	7975	0	0
170	0	0	246	1705	4113	0	0
181	0	0	3994	29320	4457	0	0
201	0	0	10023	83321	972	0	122184
202	0	0	38	269	1460	0	0
210	0	0	2009	14054	9530	2830	3845
221	0	0	8806	56446	36994	41788	0
222	0	0	15126	91428	19525	3687	12923
231	0	0	912	6379	263	0	0
239	0	0	12545	97811	370882	96031	0
243	0	0	42	294	0	0	0
251	0	0	83	579	1294	0	0
259	0	0	57	398	8	0	0
261	0	0	915	6563	0	0	0
262	0	0	540	3783	1095	0	0
263	0	0	338	3045	413	0	0
264	0	0	31	288	18	0	0
266	0	0	275	2087	2154	0	0
271	0	0	57	399	482	0	0
274	0	0	69	464	280	0	0
275	0	0	132	867	170	0	0
279	0	0	59	416	451	0	0
281	0	0	29	204	323	0	0
282	0	0	2	8	0	0	0
301	0	0	17	121	5	0	0
303	0	0	2714	18996	1595	1331	0
309	0	0	122	856	571	0	0
310	0	0	112	816	28	0	0
325	0	0	625	4797	33	0	0
331	0	0	1861	13026	675	0	0
Others	0	0	6822	50468	53032	0	4214
Total	145	1149516	2747974	19222945	26057929	17437961	2125436

Table T.44: Estimate of fuels consumed in the factory sector by type of fuel & Type of Organization

Organisation Type	Type of Fuel (Value figures in Thousands)						
	Coal Quantity (Tonne)	Coal Consumed (Value)	Electricity Purchased Quantity (KWH)	Electricity Purchased (Value)	Petroleum Products (Value)	Gas Consumed (Value)	Other Fuels (Value)
Individual Proprietorship	2	8289	156861	1176036	983913	13893	148830
Partnership	0	4559	329266	2448675	1965837	19608	215605
Limited Liability Partnership	0	15134	9835	71428	21329	0	8769
Government Company-Public	37	463839	556847	3409500	17804265	16879198	159555
Government Company-Private	52	331932	110807	856101	969804	165029	41399
Non-Government Company-Public	47	282697	535085	3692901	1218193	151225	768021
Non-Government Company-Private	7	43066	963976	6928830	2897616	208214	647205
Co-operative Society	0	0	76513	574290	175526	415	37404
Others	0	0	8784	65184	21446	379	98648
Total	145	1149516	2747974	19222945	26057929	17437961	2125436



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Government of Kerala

ANNUAL SURVEY OF INDUSTRIES 2020-21

VOLUME I

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Preface

Date: 12/02/2025

Annual Survey of Industries (ASI) is one of the major surveys conducted in the state to assess the industrial growth in organized manufacturing sector. It provides statistical information to assess the growth, composition, and structure of registered manufacturing industries. Department of Economics and Statistics conducts this survey with the assistance and technical guidance of Industrial Statistics Wing (IS Wing), Data Processing Division of the National Statistics Office (NSO), Kolkata.

The report titled 'Annual Survey of Industries 2020-21' highlights the key characteristics of the factory sector, detailed results of the survey at 2/3/4 – digit level of National Industrial Classification (NIC), district level, rural-urban and type of organization. An attempt has also been made in this report to analyze the major characteristics such as capital, employment and emoluments, Gross Value Added (GVA), input, output, profit, income, etc.

The survey is conducted annually under the statutory provisions of Collection of Statistics Act, 2008 as amended in 2017 and rules framed there under in 2011. Deputy Directors of the district offices are designated as Statistics Officers for conducting the survey in their respective jurisdiction. Field work and data entry work have been done by investigators and scrutinized by the Research officers. Data entry is done using MS-Access based 'e-schedule package' provided by IS Wing of National Statistics Office and process including preparation of report have been done in ASI Wing of DES. The present report is prepared by combining 785 state sample units (surveyed by DES), 785 Central Sample units (surveyed by NSO, FOD) and 1237 Census sector units.

I would like to express my sincere gratitude to Smt. Sunitha Bhaskar, ISS, the then Deputy Director General, NSO, and Shri. Vineesh P.P, Deputy Director, NSO (FOD), Regional office, Thiruvananthapuram and Shri.K N Rajeev Kumar, SSO (FOD), Kollam for their timely intervention and technical guidance. I also acknowledge the vigorous work done by survey team constituting district level officers, statistical investigators and officers of ASI division in the Directorate under the guidance and supervision of Shri. Manoj M, Additional Director (State Income) in bringing out this report.

Even though the considerable part of the reference period of the survey was affected by Covid -19 pandemic, the co-operation extended by the selected industrial units of the survey is commendable and technical assistance rendered by IS Wing of National Statistics Office, Kolkata and NSO (FOD), Thiruvananthapuram is also acknowledged.

I hope this publication will serve as a reference book and research material in Industrial Statistics, particularly in organized manufacturing sector.


Sreekumar B
Director

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Executive Summary

Annual Survey of Industries (ASI) is a comprehensive and detailed survey conducted by the state to collect statistical information about organized manufacturing units in the industrial sector. The primary objective of the survey is to provide reliable and detailed data on the performance and structure of the industrial sector, which is crucial for policy formulation, economic planning, and research.



The present report contains data on principal characteristics such as number of factories, invested capital, total Output, total Input, Gross Value Added (GVA), Profit, Gross Capital Formation etc. and information on labour such as employment, man-days worked and emoluments paid to employees etc, of organized manufacturing sector in the state and district level for the financial year 2020-21. The report is prepared by combining 785 state sample units (surveyed by DES), 785 central sample units (surveyed by NSO, FOD) and 1237 census sector units.

The Key results of the survey are summarized below:

- ❖ The survey estimated 7972 factories in the organized manufacturing sector of Kerala during the financial year 2020-21. Out of these factories about 87.27% (6957 factories) were operating factories.
- ❖ The district with highest number of factories is Ernakulam (1590) and the least is Wayanad (70). In Ernakulam 86.54 % factories are operational whereas in Wayanad it is 95.71 %.
- ❖ During the fiscal year 2020-21 the factories in rural areas outnumbered those in urban area. Out of 7972 factories, about 51.6% were located in rural area.
- ❖ All the factories **in operation** together have total fixed capital worth ₹ 58,17,077 lakhs and invested capital of ₹ 80,32,739 lakhs.

- ❖ The coke and refined petroleum products industry stands at the highest invested capital and fixed capital with an estimated value of ₹ 40,69,285 lakhs and ₹ 33,55,316 lakhs respectively. These accounts to about 50.66% and 57.68 % of state's aggregate value respectively.
- ❖ In 2020-21 the total input in organized manufacturing sector declined by 38% from 2019-20 (₹ 1,20,81,298 lakhs in 2020-21 and ₹ 1,95,08,119 lakhs in 2019-20). The total output in 2020-21 has also been declined by 34% from 2019-20 (₹ 1,44,27,491 lakhs in 2020-21 and ₹ 2,18,81,862 lakhs in 2019-20).
- ❖ The estimated Gross Fixed Capital Formation (GFCF) of the manufacturing sector of the state in 2020-21 stands at ₹ 5,99,633 lakhs which is 47.61 % drop from 2019-20 figure (₹ 11,44,598 lakhs in 2019-20)
- ❖ The Gross Value Added (GVA) of organized manufacturing sector in the state for the year 2020-21 shows a decline of 1.16% from 2019-20 (₹ 23,46,193 lakhs in 2020-21 and ₹ 23,73,743 lakhs in 2019-20). Among the districts, the highest GVA estimated from the industries in Ernakulam district (₹ 11,78,662) is ₹ 85, 584 lakhs more than the previous year (₹ 10,93,078 lakhs).
- ❖ In 2020-21, the average number of persons engaged in the factories has been declined by 10.24 % from 2019-20 (310958 in 2020-21 and 346449 in 2019-20).
- ❖ In 2020-21, out of 310958 persons engaged 246944 were workers and among these 1,99,533 were directly employed and 47,411 were employed through contractors. Among the directly employed workers in this sector, about 42.2% represent the female workforce (male workers at 115339 and female at 84194).
- ❖ Among the directly employed workers, women dominated industries were tobacco products manufacturing industries (96.5 %) followed by manufacture of wearing apparels (72.4 %) and then food products (68.8 %).
- ❖ Regarding the industries under the organization type, Government Company-Public industry was estimated with highest share of contract workers (56.44%).
- ❖ The estimated wages and salaries of workers dropped by 2.5% in 2020-21 from 2019-20 figure (₹ 4,93,757 lakhs in 2020-21 and ₹ 5,06,560 lakhs in 2019-20).
- ❖ In 2020-21 the value of the fuels consumed by the factories declined by 22.3% (₹ 6,59,942 lakhs in 2020-21 against ₹ 8,49,833 lakhs in 2019-20).

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Figures at a Glance -Kerala

Rates and Ratios

Estimates of some important rates and ratios as per ASI 2020-21 are given below.

(Figures for ASI 2019-20 are shown in the bracket)

Rates

- Fixed Capital per factory in operation: 836 lakhs (853 lakhs)
 - Total no. of persons engaged per factory in operation: 45 (50)
- Number of workers per factory in operation: 35 (38)
- Output per factory in operation: 2,074 lakhs (3,147 lakhs)
- Gross Value Added (GVA) per factory in operation: 337 lakhs (341 lakhs)
- Net Value Added (NVA) per factory in operation: 283 lakhs (283 lakhs)
- Output per person engaged: 46,39,691 (63,16,041)
- Gross Value Added (GVA) per person engaged: 7,54,505 (6,85,164)
- Net Value Added (NVA) per person engaged: 6,32,218 (5,67,632)
- Wages per worker: 1,99,947 (1,90,655)

Ratios

- Fixed Capital to Net Value Added (NVA): 2.96 (3.01)
- Fixed Capital to Output: 0.40 (0.27)
- Net Value Added (NVA) to Output: 0.14 (0.09)
- Gross Value Added (GVA) to Fixed Capital: 0.40 (0.04)
- Output to Input: 1.19 (1.12)
- Net Profit to Output: 0.05 (0.03)
- Contract Workers to Total Workers: 0.19 (0.18)

Top Industries based on estimates of some important characteristics of the survey

Rank	Characteristics				
	Total Number of Factories	Fixed Capital	Total Persons engaged	Total Output	Gross Value Added (GVA)
1	Manufacture of food products (21.51%)	Manufacture of coke and refined petroleum products (57.68 %)	Manufacture of food products (30.2 %)	Manufacture of coke and refined petroleum products (30.38 %)	Manufacture of food products (19.36 %)
2	Manufacture of other non-metallic mineral products (11.88%)	Manufacture of food products (9.58%)	Manufacture of rubber and plastics products (8.7 %)	Manufacture of food product (23.61 %)	Manufacture of chemicals and chemical products (13.26 %)
3	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials (10.85 %)	Manufacture of rubber and plastics products (5.18 %)	Manufacture of other non-metallic mineral products (6.5 %)	Manufacture of rubber and plastics products (8.90 %)	Manufacture of coke and refined petroleum products (12.95 %)
4	Manufacture of rubber and plastics products (8.54 %)	Manufacture of other non-metallic mineral products (4.13 %)	Manufacture of textiles (6.2 %)	Manufacture of chemicals and chemical products (6.56 %)	Manufacture of rubber and plastics products (10.43 %)
5	Manufacture of tobacco products (6.06 %)	Manufacture of other transport equipment (3.25 %)	Manufacture of chemicals and chemical products (4.1 %)	Manufacture of other non-metallic mineral products (3.54 %)	Manufacture of other non-metallic mineral products (6.44 %)
Aggregate Total (all Kerala level) *	7972	5817077	310958	14427491	2346193
<i>*Estimates of Fixed Capital, Output and GVA are in ₹ lakhs</i>					

Top Districts based on estimates of some important characteristics of the survey

Rank	Total number of Factories	Fixed Capital	Total Persons engaged	Total Output	Gross Value Added
1	Ernakulam (19.9 %)	Ernakulam (73.70 %)	Ernakulam (26.89 %)	Ernakulam (56.36 %)	Ernakulam (50.24 %)
2	Kollam (13.7 %)	Palakkad (4.44 %)	Kollam (14.05 %)	Thrissur (6.81 %)	Kottayam (7.95 %)
3	Thrissur (11.5 %)	Alappuzha (3.22 %)	Thrissur (9.79 %)	Alappuzha (5.96 %)	Thrissur (6.96 %)
4	Kannur (9.2 %)	Kottayam (3.12 %)	Alappuzha (9.18 %)	Palakkad (5.95 %)	Palakkad (5.54 %)
5	Alappuzha (8.1 %)	Thrissur (3.03 %)	Palakkad (6.67 %)	Kottayam (5.81 %)	Kollam (5.46 %)
Aggregate Total (all Kerala level) *	7972	5817077	310958	14427491	2346193
<i>*Estimates of Fixed Capital, Output and GVA are in ₹ lakhs</i>					



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Chapter 1: Introduction

1.1 Scope and Coverage

1.1.1 Annual Survey of Industries is the main source of industrial statistics in Kerala. From 2010-11 onwards, the survey is being conducted under the Collection of Statistics Act, 2008 and Rules framed there under in 2011. The Survey is designed to obtain comprehensive and detailed industrial data with the objective of estimating the contribution of registered manufacturing industries as a whole to the State's GDP. It gives a broad view of the structure of the industry in economy, various factors influencing industries in the state etc. which form the bases for formulation of industrial policies.

1.1.2 Coverage of the Annual Survey of Industries extends to the entire Factory Sector comprising industrial units (called factories) registered under the Sections 2(m)(i) and 2(m)(ii) of the Factories Act, 1948, wherein a 'Factory', which is the primary statistical unit of enumeration for the ASI, is defined as: 'Any premises' including the precincts thereof: -

(i) *Wherein ten or more workers are working or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power or is ordinarily so carried on, or,*

(ii) *Wherein twenty or more workers are working or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on without the aid of power or is ordinarily so carried on, but does not include a mine subject to the operation of the Mines Act, 1952, or a railway running shed.*

The 'manufacturing process' referred to above has been defined [vide Section 2(k)] in the Factories Act, 1948 as: 'Any process' for:

- (i) *making, altering, ornamenting, finishing, packing, oiling, washing, cleaning, breaking up, demolishing or otherwise treating or adapting any article or substance with a view to its use, sale, transport, delivery or disposal; or,*
- (ii) *pumping oil, water or sewage; or,*

- (iii) *generating, transforming or transmitting power; or,*
- (iv) *composing types for printing by letter press, lithography, photogravure or other similar process or book binding; or,*
- (v) *constructing, reconstructing, repairing, refitting, finishing or breaking up ships or vessels; or,*
- (vi) *Preserving or storing any article in cold storage*

1.1.3 In addition to Sections 2(m)(i) & 2(m)(ii) of the Factories Act, 1948, bidi & cigar units, employing 10 or more workers with the aid of power and 20 or more workers without the aid of power and registered under the Bidi & Cigar Workers (Conditions of Employment) Act, 1966, all the electricity undertakings engaged in generation, transmission and distribution of electricity, not registered with the Central Electricity Authority (CEA), are also covered under ASI.

1.1.4 Starting from ASI 2014-15, the coverage of ASI has been extended beyond the Section 2m (i) and 2m (ii) of the Factories Act, 1948. To start with, the units with 100 or more employees, not registered under Section 2m(i) and 2m(ii) of the Factories Act, 1948 but registered under any of the seven Acts/Board/Authority viz., Companies Act 1956, Factories Act, 1948, Shops and Commercial Establishment Act, Societies Registration Act, Cooperative Societies Act, Khadi and Village Industries Board, Directorate of Industries (District Industries Centre) in the Business Register of Establishments (BRE) as prepared by the State Government and available with National Accounts Division, Central Statistics Office and verified by Field Operations Division (FOD), NSSO are also considered for selection.

1.1.5 Although the scope of the ASI was extended to all registered manufacturing establishments in the country, defence establishments, oil storage and distribution depots, restaurants, hotels, cafe and computer services, departmental units such as railway workshops, RTC workshops, Govt. Mints, sanitary, water supply, gas storage units etc. are excluded from the purview of the Survey.

1.2. Unit of Enumeration

1.2.1 The primary unit of enumeration in the survey is a factory in the case of manufacturing industries, a workshop in the case of repair services, an undertaking or a licensee in the case of electricity, gas and water supply undertakings and an establishment in the case of Bidi and Cigar industries. The owner of two or more establishments located in the same state and pertaining to the same industry group, is permitted to furnish a single consolidated return, termed as 'Joint Return'. Such consolidated returns are a common feature in case of some of the factories in ASI.

1.3 ASI Frame

1.3.1 The ASI frame is based on the lists of registered factories / units maintained by the Chief

Inspector of Factories (CIF) in the State and those maintained by registration authorities in respect of Bidi and Cigar establishments and electricity undertakings. The frame is being revised and updated periodically by the Regional Offices of the Field Operations Division (FOD) of NSSO in consultation with the Chief Inspector of Factories in each State. At the time of revision, the names of the de-registered factories are removed from the ASI frame and those of the newly registered factories are added. While updating the frame, only newly registered units are added to the existing frame. In spite of regular updating of the frame, quite a number of factories selected for the survey are getting deleted during the survey owing to various reasons like non-existence, de-registration, out of coverage etc.

1.3.2 It is to be noted that apart from the factories in operation, the ASI frame comprises factories which are categorised as ‘Existing with fixed assets and maintaining staff but not having production’ and ‘Existing with fixed assets but not maintaining staff and not having production’.

1.4. Reference Period

1.4.1 Reference period for ASI 2020-21 was the accounting year of the factory, ending on any day during the financial year 2020-2021. Thus, in ASI 2020-2021, data collected from establishments relate to their respective accounting years that ended on any day between 1st April 2020 and 31st March 2021. Survey was conducted in the state in the time period 1st January 2022 to 30th November 2022. The reference period of the survey coincided with Covid-19 pandemic period in Kerala which witnessed nation- wide lockdown and disruption.

1.5. Methodology of the survey

1.5.1 In the state the survey is conducted as per the guidelines of Industrial Statistics Wing (IS wing) of Central Statistics Office. The following methodology is adopted by the IS wing for the survey.

1.6. Sample Design and Sample Allocation

1.6.1 As per sampling design adopted in ASI 2020-21, ASI sample comprises two parts - Central Sample and State Sample. The Central Sample consists of two schemes: Census and Sample. Under Census scheme, all the units are surveyed.

1.6.2 Census scheme:

- a) All industrial units belonging to the seven less industrially developed states/ UT's viz. Arunachal Pradesh, Manipur, Meghalaya, Nagaland, Sikkim, Tripura and Andaman & Nicobar Islands.
- b) For the States/ UTs other than those mentioned in (a) , Units having 75 or more employees from Kerala, and All units covered under ‘Joint Return’ (JR), where JR is allowed when the two or more units located in the same State/UT belonging to the same industry (3-digit level of NIC) under the same management

- c) After excluding the Census Sector units, as defined in paragraphs a) and b) above, the strata are formed at **State x District x Sector x 3digit NIC-2008 level**. Here, ‘sector’ is very broad economic activity group consisting of manufacturing, electricity generation activity and bidi producing activity. Thus, in short, sectors are (i) Bidi, (ii) Manufacturing and (iii) Electricity. All units belonging to the strata (i.e., formed on the basis of units in State by District by Sector by 3-digit of NIC-08) having less than or equal to 4 units are completely enumerated and are thus considered as ‘census sector’ units
- d) **Sample Scheme:**
All the remaining units in the frame are considered under **Sample Scheme**. For all the states, **strata are formed for each State x District x Sector x 3-digit NIC-2008 factories**. The units in each stratum are arranged in descending order of their number of employees. Samples are drawn as per Circular Systematic Sampling technique. An even number of units with a minimum of 4 units are selected and distributed in four sub-samples. It may be noted that all the 4 sub-samples from a particular stratum may not have equal number of units.
- e) Out of these 4 sub-samples, two pre-assigned sub-samples are given to NSSO (FOD) and the other two-sub samples are given to State/UT for data collection.
- f) The entire census units *plus* all the units belonging to the two sub-samples given to NSSO (FOD) are treated as the **Central Sample**.
- g) The units belonging to the two sub-samples allocated to State/UTs are to be canvassed by the respective States/UTs. Hence, State/UT has to use the data collected by NSSO (FOD) and processed by IS Wing, DPD, and NSSO along with the state sample data while deriving the district level estimates for their respective State/UT.
- h) The entire census scheme units plus all the units belonging to the two sub-samples given to NSSO (FOD) plus all the units belonging to the two sub-samples given to State / UT are required for pooling of Central and State Samples.

1.7. Estimation Procedure

1.7.1 The procedures for estimation of the characteristics are shown in Annexure-III.

1.7.2 The results presented in the publication are based on the unit level data of central and state samples. The estimated value figures given in this publication are reported in current prices. The value figures are generally rounded off to lakhs of rupees. All Kerala figures are rounded off separately and may not tally with the sum of district figures. Similarly, all-Industry figures may not tally with the sum

of individual industry figures. Also, the industry-wise totals at lower level may not tally with the next higher level due to merging of industries carried out at different levels.

1.8. Schedule of Enquiry

1.8.1 The schedule for ASI 2020-21 aims to collect data on assets and liabilities, employment and labour cost, receipts, expenses, input items - indigenous and imported, products and by-products, distributive expenses, etc.

A copy of the ASI 2020-21 schedule is given as Annexure-II. The different concepts and definitions used in ASI survey are given in Annexure-I.

1.9. Classification of Industries

1.9.1 From ASI 2008-09, NIC- 2008 has been the base of industry classification. It classifies all the factories in the ASI frame in their appropriate industry groups on the basis of the principal product manufactured. This way a unit gets classified in one and only one industry group even though it might be manufacturing products belonging to different industries. The estimates for different aggregates presented in this report at two- or three-digit level of industry correspond to the NIC-2008 classification.

1.10. Publications and Limitations

1.10.1 The results of ASI 2020-21 are released at 2-digit/3-digit level of NIC-2008 for the State. The list of 2/3-digit level of NIC-2008 codes along with descriptions is given in Annexure VI. This report contains tables related to capitals and value added, employment and labour cost, fuels consumed etc.

1.10.2 The Collection of Statistics Act prohibits disclosure of data relating to individual factories. Therefore, if the number of factories under any industry (2-digit/3-digit level of NIC-2008) in the state is less than three, the data have been combined to a similar industry in order to conceal the identity of all such units belonging to the concerned stratum.

1.10.3 All the estimates, especially for quantity and value figures for any particular item consumed and produced, are subject to Statistical Error as these are estimated on the basis of a selected Sample. The consumptions and productions are not estimated separately for those items for which the number of observations is insufficient. They have been reported under 'others' as the estimates for those items may not be efficient.

1.10.4. As per tabulation policy, it has been decided to report the detailed information corresponding to industry codes 10 to 33 and 58 following NIC-2008. For all other industry codes, the units have been clubbed and shown under a common industry '**Others**' in different tables.



Chapter 2: Analysis

2.1 Manufacturing sector of Kerala

Kerala's economy, over the years has experienced significant growth, driven primarily by the service sector. In 2019-20, service sector contributed 65.20 % of the state's Gross State Value Added (GSVA) at current prices. While the service sector dominates in terms of share, the manufacturing sector acts as a catalyst in accelerating the state's economic growth by contributing a share of 9.23%. As the whole nation is on the trajectory of technological advancement, manufacturing sector plays a prominent role in economic development. By leveraging industrialization, protecting and encouraging new industrial ventures, reducing the geographical disparities in levels of development and by infrastructural advancement, state can achieve sustainable development in this sector.



2.2 Kerala's Organized Manufacturing industries

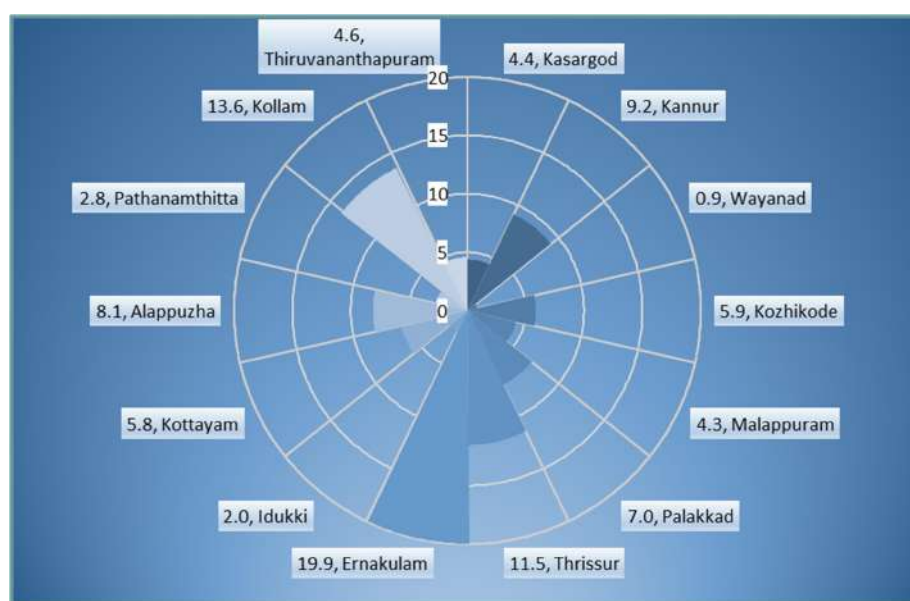
Registered industries involved in the production of goods define the organized manufacturing industries of the state. **Annual Survey of Industries (ASI)** is one of the major industrial surveys conducted annually in the state for assessing the growth of the organized manufacturing sector and its contribution to the economy. The primary unit of enumeration in this survey is a factory in the case of manufacturing industries, a workshop in the case of repair services, an undertaking or a licensee in the case of electricity, gas and water supply undertakings and an establishment in the case of bidi and cigar industries. The statistical data collected through the survey provides pertinent information on the composition and structure of organized manufacturing sector.

As per the economic perspective the four major factors of production are land, labour, capital and entrepreneurship. A manufacturing firm uses the land, labour of employees, the services of the capital equipment and services of the entrepreneur in processing the raw material. The value addition of the production is the result of these elements. In this survey the value addition is estimated based on production approach. The information regarding the transactions of the manufacturing units such as sales, cash transactions, amount of cash and goods on hand, emoluments given to the employees, etc. are the major source of data of the survey. Thus, the survey estimates the major characteristic of the organized manufacturing sector which in turn helps the policy makers to reanalyze the existing industrial policy and its effect on the operation of the economy in terms of prices, input, output, value addition and employment and thereby its efficacy is monitored.

This chapter outlines the findings of Annual Survey of Industries 2020-21 which gives a critical insight into industrial productivity, resource utilization, sectoral performance, regional variation and other parameters estimated from the survey. The region wise industrial disparity also gives us deep insight on how the geographical structure, access to raw materials, transportation, labour supply, etc. are influencing the factors of industrial development.

The survey estimated 7972 factories with 6957 operating factories in the fiscal year 2020-21. The top district in terms of percentage share of aggregate number of factories is Ernakulam which accounts to about 19.9 % (1590) whereas Wayanad had the minimum with a share of 0.9 % (70).

Figure 2.1: District wise Percentage of Factories in Organized Manufacturing Sector, 2020-21



Top five districts with highest number of factories were Ernakulam (1590), Kollam (1088), Thrissur (917), Kannur (730) and Alappuzha (646).

Figure 2.2: Top Five Districts with highest number of factories

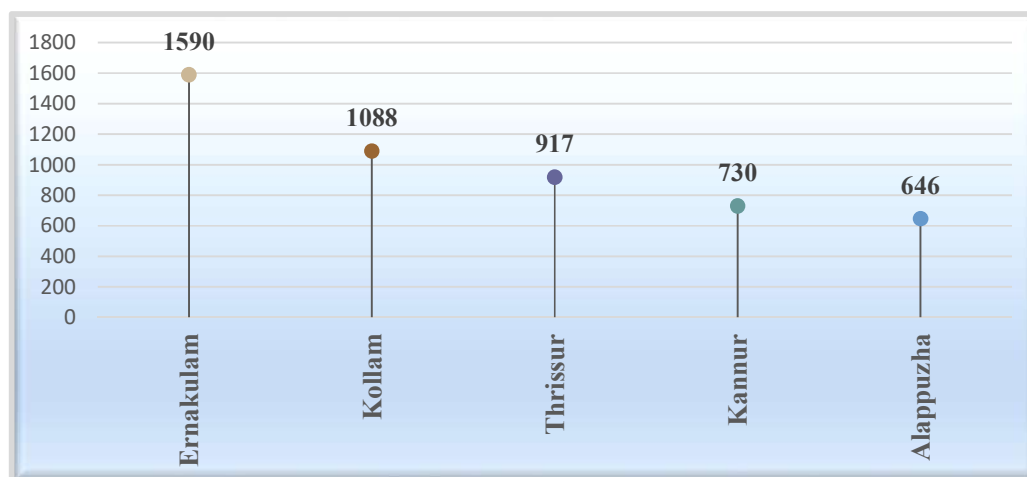
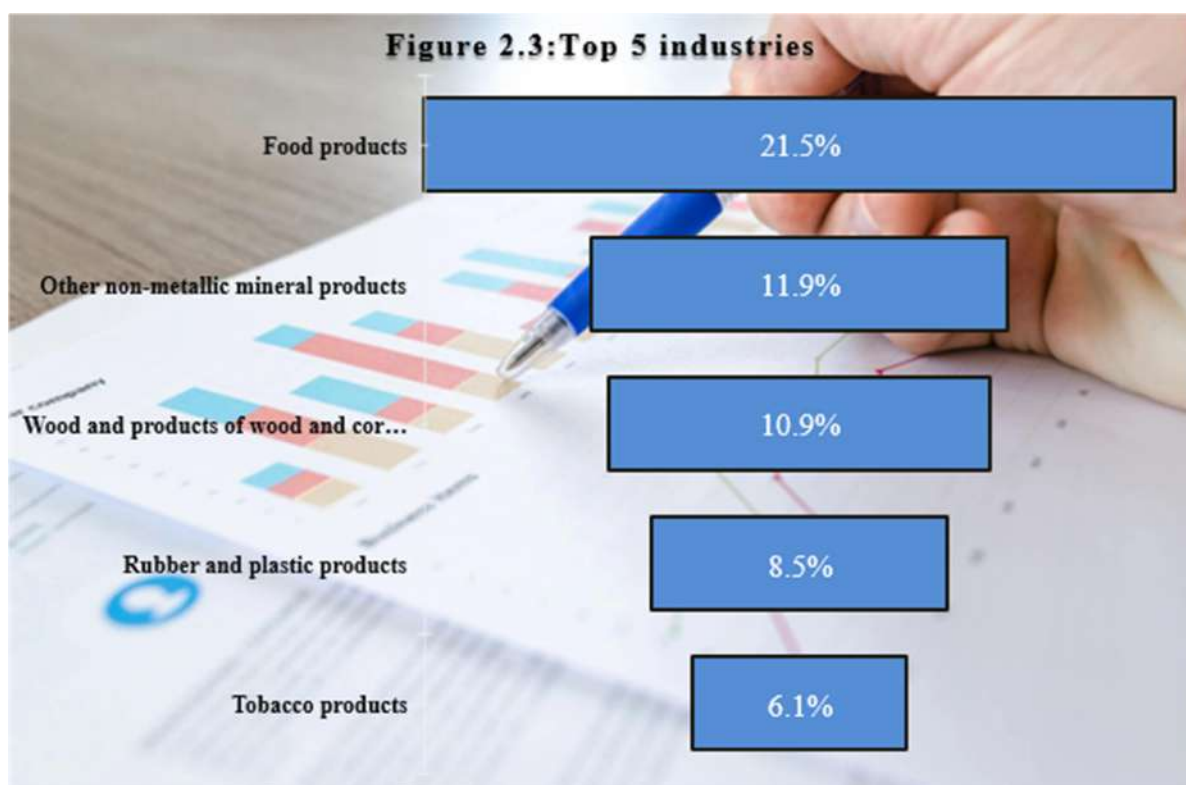


Table 2.1 District wise distribution of factories, Kerala, 2020-21

District	No. of Factories (Nos.)	Percentage
Kasaragod	349	4.4
Kannur	730	9.2
Wayanad	70	0.9
Kozhikode	468	5.9
Malappuram	340	4.3
Palakkad	560	7.0
Thrissur	917	11.5
Ernakulam	1590	19.9
Idukki	162	2.0
Kottayam	466	5.8
Alappuzha	646	8.1
Pathanamthitta	221	2.8
Kollam	1088	13.6
Thiruvananthapuram	365	4.6
Kerala	7972	100.0

Activities pursued by various establishments were categorized using National Industrial Classification (NIC-2008) and the survey also estimates the characteristic based on this classification. Out of the different categories of industries in terms of NIC-2008 2-digit codes under the coverage of the survey, the highest estimated number of factories is attributed to the manufacturing of food products (21.51% of the aggregate) and the least in the category of Waste collection, treatment and disposal activities; materials recovery (0.05 % of the aggregate and 4 in number). The major top five industries with maximum number of factories were Food Products (21.5 %), Other non-metallic mineral products (11.9 %), Wood and products of wood and cork, except furniture; manufacture of articles of straw and plating materials (10.9 %), Rubber and plastic products (8.5 %) and Tobacco products (6.1 %). These industries together contribute 58.84 % of the estimated number of factories in the state. The distribution of factories based on the economic activity is presented below (*Figure 2.3*).



Considering the operational status of factories, about 87.27% factories were in operation and among the various groups of industries (NIC 2-digit classification), food products manufacturing industry with highest number of factories had 89.62% operating factories whereas the other major industries such as, Other Non-Metallic Mineral Products, Wood and products of wood and cork, except furniture; manufacture of articles of straw and plating materials had 79.41% and 87.75% operating factories respectively (*refer Table 2.2, Figure 2.4*).

Figure 2.4: Distribution of total number of factories and percentage of factories in operation by NIC (2008)-2-digit group of industries

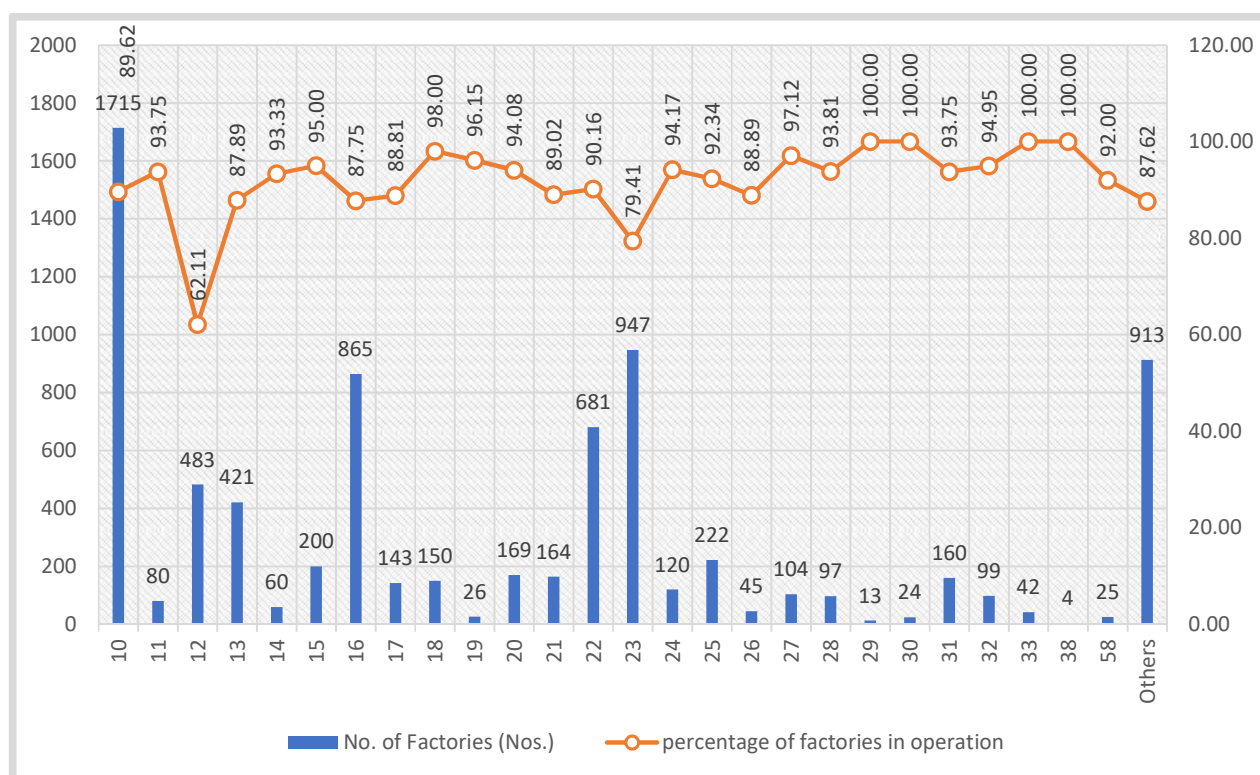


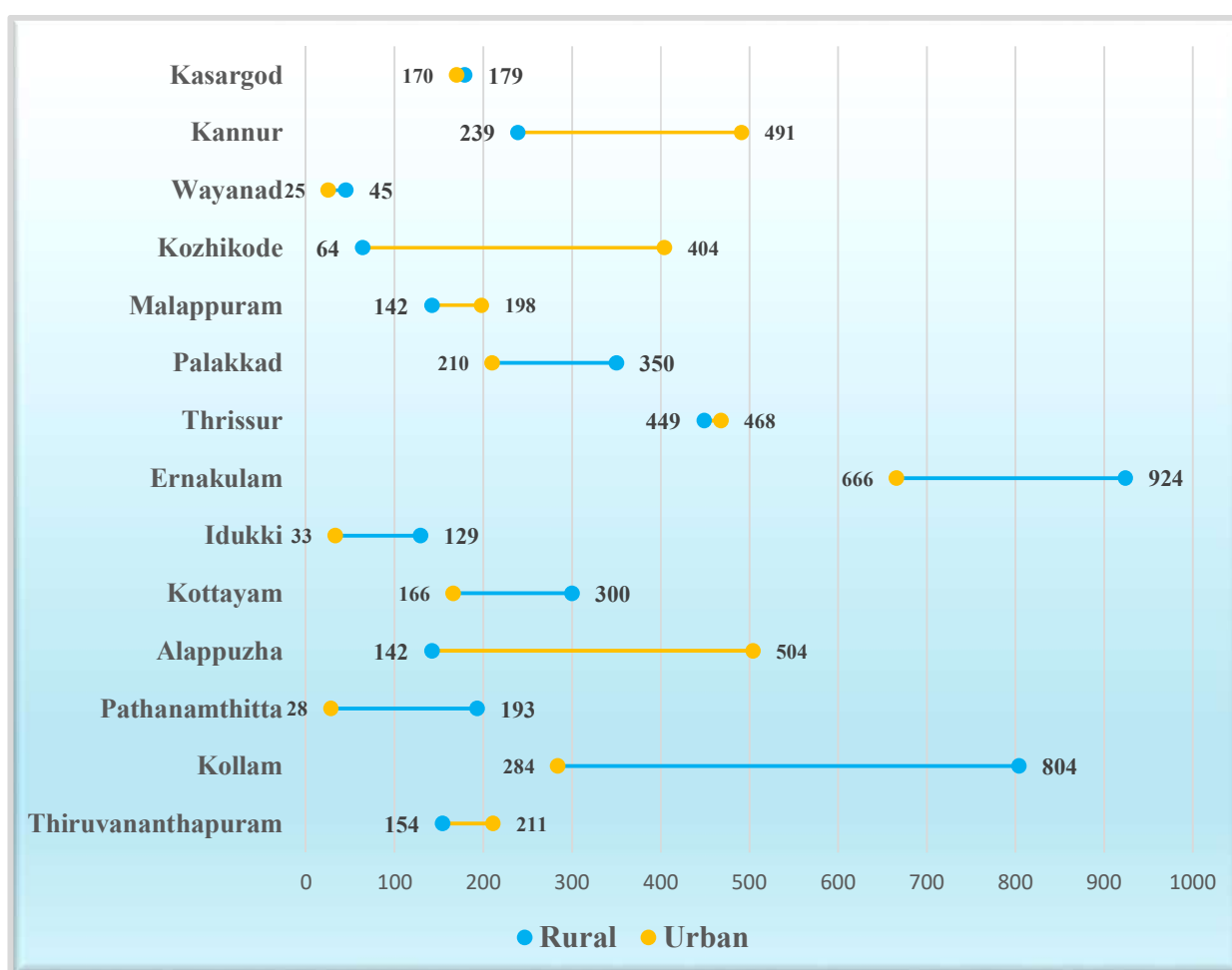
Table 2.2 Distribution of total number of factories and percentage of factories in operation by NIC (2008)-2-digit group of industries

NIC 2-digit	Description	No. of Factories	Factories in Operation (Nos.)	Percentage
10	Manufacture of food products	1715	1537	89.62
11	Manufacture of beverages	80	75	93.75
12	Manufacture of tobacco products	483	300	62.11
13	Manufacture of textiles	421	370	87.89
14	Manufacture of wearing apparel	60	56	93.33
15	Manufacture of leather and related products	200	190	95
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plating materials	865	759	87.75
17	Manufacture of paper and paper products	143	127	88.81

NIC 2- digit	Description	No. of Factories	Factories in Operation (Nos.)	Percentage
18	Printing and reproduction of recorded media	150	147	98
19	Manufacture of coke and refined petroleum products	26	25	96.15
20	Manufacture of chemicals and chemical products	169	159	94.08
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	164	146	89.02
22	Manufacture of rubber and plastic products	681	614	90.16
23	Manufacture of other non-metallic mineral products	947	752	79.41
24	Manufacture of basic metals	120	113	94.17
25	Manufacture of fabricated metal products, except machinery and equipment	222	205	92.34
26	Manufacture of computer, electronic and optical products	45	40	88.89
27	Manufacture of electrical equipment	104	101	97.12
28	Manufacture of machinery and equipment n.e.c	97	91	93.81
29	Manufacture of motor vehicles, trailers and semitrailers	13	13	100
30	Manufacture of other transport equipment	24	24	100
31	Manufacture of furniture	160	150	93.75
32	Other manufacturing	99	94	94.95
33	Repair and installation of machinery and equipment	42	42	100
38	Waste collection, treatment and disposal activities; materials recovery	4	4	100
58	Publishing activities	25	23	92
	Others	913	800	87.62
	Total	7972	6957	87.27

The movement of manufacturing towards rural areas i.e., rural industrialization is a major factor leading to rural development resulting in increase of rural income. The results reveal that the manufacturing factories located in rural areas outnumbered those in urban areas. Out of the total estimated factories, 4114 (51.6%) were in rural areas, while 3858 (48.4%) were in urban areas. The top five districts viz; Ernakulam (19.9%), Kollam (13.6%), Thrissur (11.5%), Kannur (9.2%) and Alappuzha (8.1%) with highest number of factories together account to 62% of the state aggregate and out of the total 4971 factories in these districts 2558 (51.5%) were in rural areas and 2413 (48.5 %) were in urban areas. It is also worth noticeable that Ernakulam district, the major industrial hub of Kerala had about 58% of factories situated in rural areas (924 in rural as against 666 in urban) and remaining 42% in urban areas. Examining the district wise industries in rural-urban sectors the data shows that in 8 districts the number of factories in the rural areas outnumbered the urban areas (*see Figure 2.5*).

Figure 2.5: Distribution of factories in rural-urban areas of Kerala, 2020-21



2.3 Labour force and Capital

Labour force and capital are the essential economic resources available for the production of goods and services. The efficient utilization of these resources plays a significant role in increasing the output and thereby accelerating the development of the manufacturing sector. The detailed analysis of the results of the survey on labour and capital is illustrated in the following sections.



2.3.1 Labour/Employment

As per human capital theory businesses should invest in their employees, the same way they invest in their equipment and supplies. So, analyzing the trends in employment and wages is imperative since it is serious concern affecting the economy of the state. Introspecting the estimates of the survey, 6957 registered operating factories have provided employment to 3,10,958 persons and distributed ₹ 8,84,296 lakhs as emoluments to employees. Among these employees, 45.15% (1,40,383) were working in industries in rural area and the remaining 54.85% (1,70,575) in urban area.

The persons engaged in the industries are classified as (1) Workers (2) Employees other than workers and (3) Unpaid Family members/Proprietor. In the above categories, as per the definition, “Worker includes all persons employed directly, informally or formally or through contractor on payment of wages or salaries and engaged in any manufacturing process or its ancillary activities like cleaning any part of the machinery or any premises used for manufacturing or storing materials or any kind of work incidental to or connected with the manufacturing process”.

Out of the total manpower in the factories 79.4% (246944 nos.) were workers whereas 19.91 % and 0.68% were employees other than workers and Unpaid Family members/Proprietor respectively.

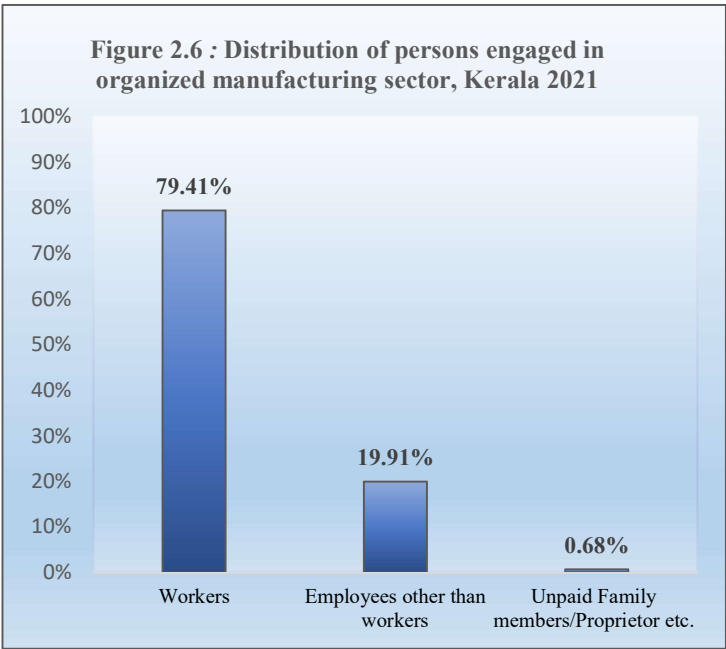


Table 2.3: Distribution of employees in the manufacturing industries of Kerala, 2020-21

Sl.No.	Characteristic	Number	Percentage
1	Workers	246944	79.41
2	Employees other than workers	61911	19.91
3	Unpaid Family members/Proprietor etc.	2103	0.68
Average Number of Persons Engaged		310958	100.00

The survey also categorizes workers as Directly employed and Employed through Contractors. Among the workers 80.8 % are directly employed and top five districts with highest proportion of directly employed workers were estimated in Idukki (98.3 %), Kollam (98.2 %), Pathanamthitta (97.2 %), Malappuram (92.5 %) and Kottayam (90.7 %).

Table 2.4: District wise distribution of employees in the manufacturing industries

Districts	Average no. of Persons Engaged	Percentage
Kasargod	10355	3.3
Kannur	15455	5.0
Wayanad	3402	1.1
Kozhikode	14186	4.6
Malappuram	9143	2.9
Palakkad	20733	6.7
Thrissur	30436	9.8
Ernakulam	83614	26.9
Idukki	7538	2.4
Kottayam	18665	6.0
Alappuzha	28549	9.2
Pathanamthitta	7245	2.3
Kollam	43684	14.0
Thiruvananthapuram	17953	5.8
Kerala	310958	100.0

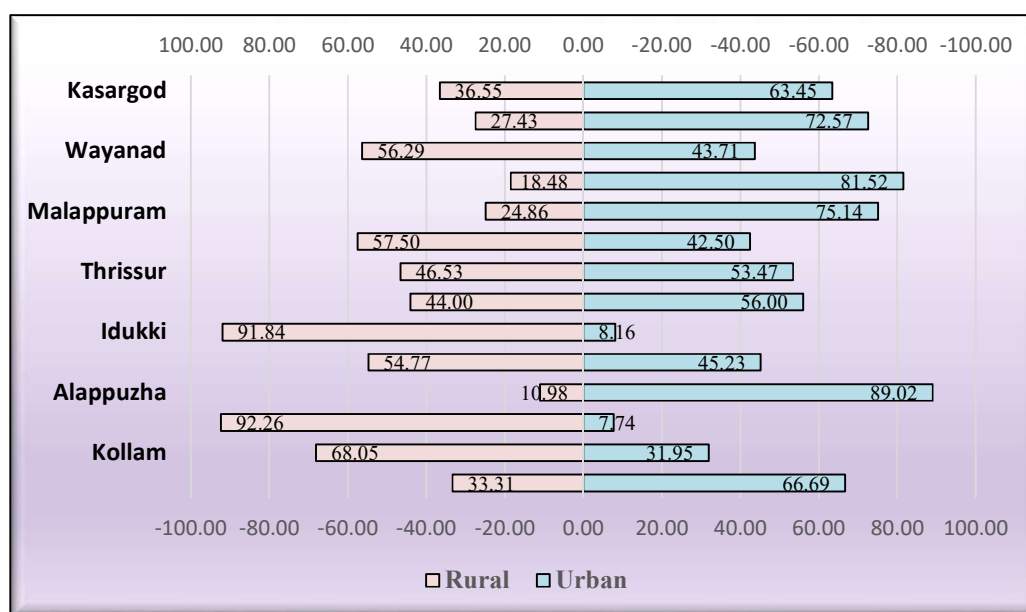
Among the 14 districts, top three districts with industries providing gainful employment were Ernakulam (26.9 %), Kollam (14.0%) and Thrissur (9.8%) and these constitutes a combined share of 50.7% of total employment. And these districts together share 57.47% of employment in rural industries and 45.17 % of employment in urban industries. Ernakulam district with highest share of employment

had 44% (36792) and 56% (46822) rural and urban employment respectively, whereas Wayanad, the least industrialized district with a share of 56.29 % (1915) of employment in rural industries and 43.71% (1487) in urban industries.

Table 2.5: District wise distribution of persons engaged in manufacturing industries of rural-urban sector

District	Rural	Urban	Total
Kasaragod	3785	6570	10355
Kannur	4239	11216	15455
Wayanad	1915	1487	3402
Kozhikode	2622	11564	14186
Malappuram	2273	6870	9143
Palakkad	11922	8811	20733
Thrissur	14162	16274	30436
Ernakulam	36792	46822	83614
Idukki	6923	615	7538
Kottayam	10222	8443	18665
Alappuzha	3135	25414	28549
Pathanamthitta	6684	561	7245
Kollam	29729	13955	43684
Thiruvananthapuram	5980	11973	17953
Kerala	140383	170575	310958

Figure 2.7: District wise distribution of persons engaged in manufacturing industries of Rural-Urban Sector



On examining the workforce in industries involved in various economic activities, the Food products manufacturing industry employed the maximum number of workers with an estimate of 78,670 workers (31.86% of the state aggregate). The major five employment providing industries were Food products (31.86%), Rubber and plastic products (8.54%), Textiles (6.73%), Other non-metallic mineral products (6.34%) and Tobacco products (4.27%) (*see Figure 2.8*).

Figure 2.8: Top five industries with highest share of workers

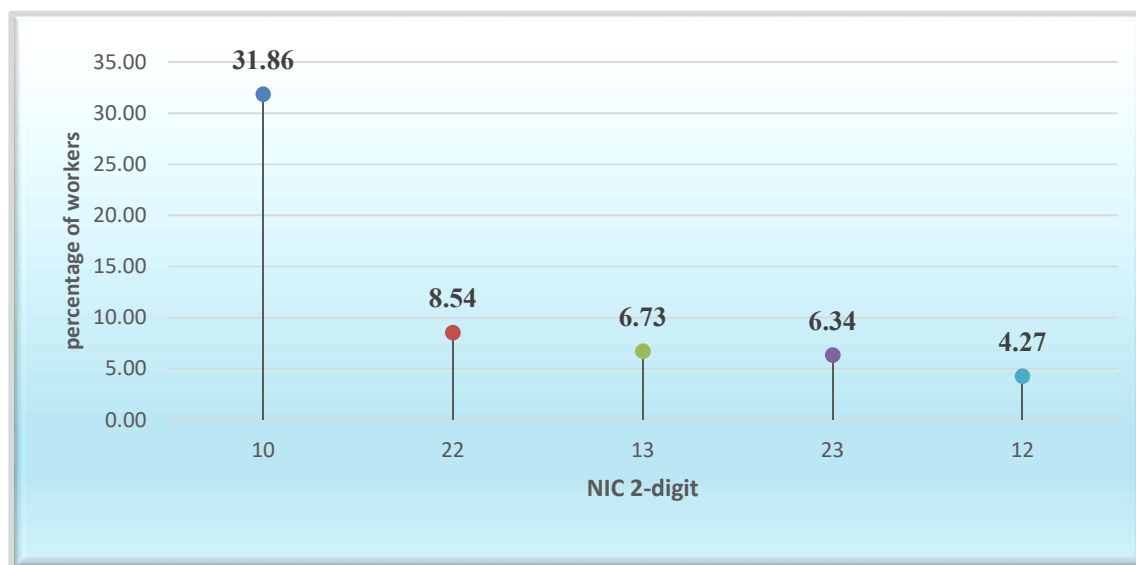


Table 2.6: Distribution of workers by NIC (2008)-2-digit group of industries

NIC 2-digit	Description	No. of workers	Percentage
10	Manufacture of food products	78670	31.86
11	Manufacture of beverages	2543	1.03
12	Manufacture of tobacco products	10533	4.27
13	Manufacture of textiles	16611	6.73
14	Manufacture of wearing apparel	7160	2.90
15	Manufacture of leather and related products	4803	1.94
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	8106	3.28
17	Manufacture of paper and paper products	1914	0.78

NIC 2-digit	Description	No. of workers	Percentage
18	Printing and reproduction of recorded media	3625	1.47
19	Manufacture of coke and refined petroleum products	5715	2.31
20	Manufacture of chemicals and chemical products	8966	3.63
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	6181	2.50
22	Manufacture of rubber and plastic products	21095	8.54
23	Manufacture of other non-metallic mineral products	15667	6.34
24	Manufacture of basic metals	3878	1.57
25	Manufacture of fabricated metal products, except machinery and equipment	4549	1.84
26	Manufacture of computer, electronic and optical products	5431	2.20
27	Manufacture of electrical equipment	4221	1.71
28	Manufacture of machinery and equipment n.e.c	2798	1.13
29	Manufacture of motor vehicles, trailers and semitrailers	261	0.11
30	Manufacture of other transport equipment	6960	2.82
31	Manufacture of furniture	2476	1.00
32	Other manufacturing	4212	1.71
33	Repair and installation of machinery and equipment	1095	0.44
38	Waste collection, treatment and disposal activities; materials recovery	29	0.01
58	Publishing activities	659	0.27
	Others	18786	7.61
	Total	246944	100.00

The survey also estimates the number of contract workers in various manufacturing industries. As per the result, out of 2,46,944 workers employed, 1,99, 533 were directly employed by the factories and 47,411 were hired as 'contract workers'. The number of contract workers varies widely across different industries with varied economic activities. The manufacture of other transport equipment and coke & refined petroleum products industries stands at the highest share of contract workers- i.e., in 2020-21 about three in every four workers (75.46% and 75.35% respectively) was a contract worker. Other industries with a higher share of contract workers include Waste collection, treatment and disposal activities; materials recovery industry (72.41%) and Tobacco products industry (59.33%). The top two

industries with highest share of directly employed workers were Publishing activities (99.39%) and Leather and related products (99.31%) which has the lowest share of contract workers, at just 0.61% and 0.69% respectively. The other industries with larger proportion of directly employed workers include Wearing apparel industry (98.95%), Motor vehicles, trailers and semitrailers industry (97.32%), Wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials industry (94.02%), Furniture industry (92.81%), Paper and paper products industry (90.28 %) (See Figure 2.9. Table 2.7).

Figure 2.9: Share of Directly employed and contract workers by NIC (2008) 2-digit group of industries

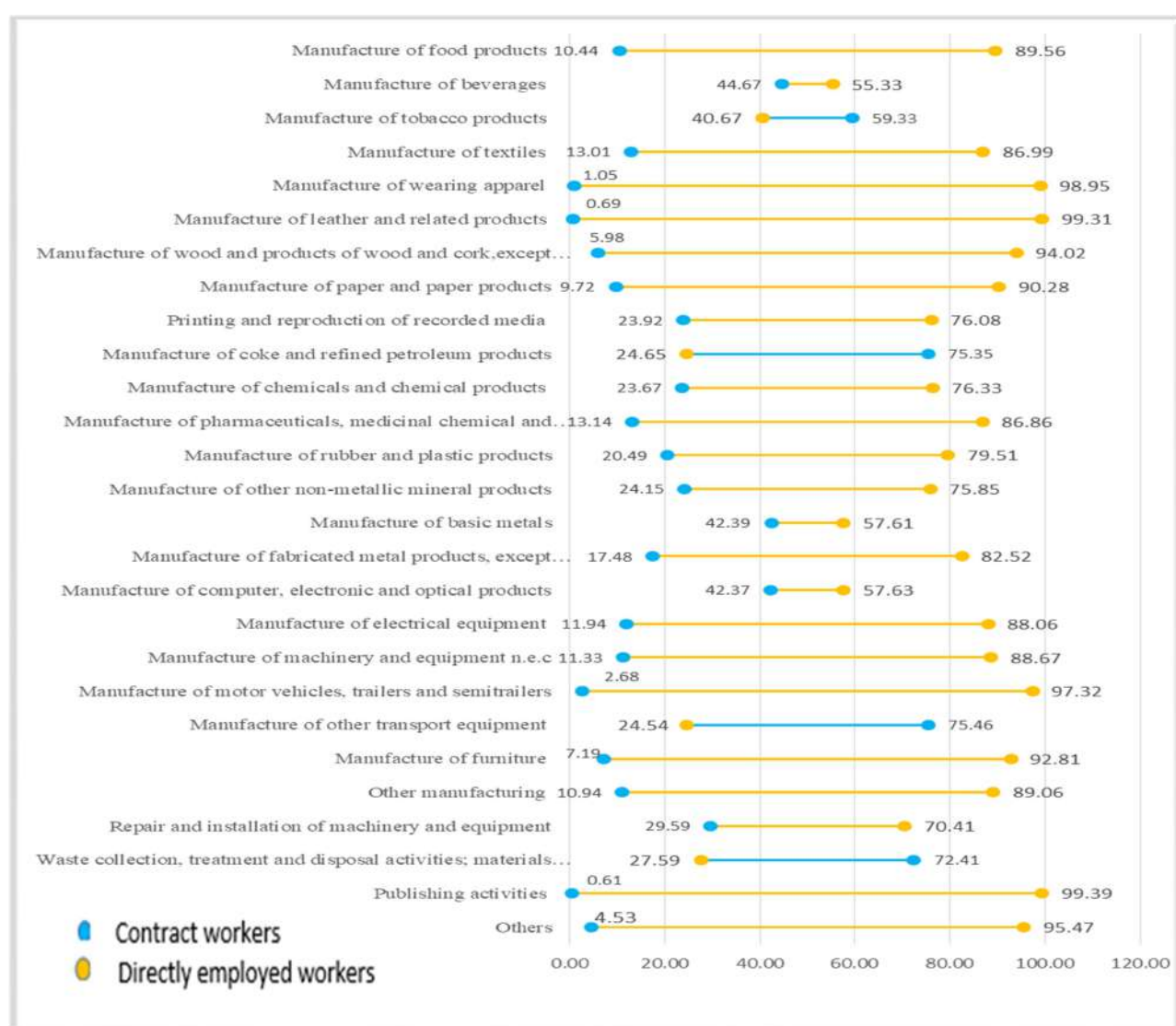


Table 2.7: Distribution of directly employed and contract workers by NIC (2008)
2-digit group of industries

NIC (2 Digit)	Description	Share of contract workers	Share of Directly employed workers
10	Manufacture of food products	10.44	89.56
11	Manufacture of beverages	44.67	55.33
12	Manufacture of tobacco products	59.33	40.67
13	Manufacture of textiles	13.01	86.99
14	Manufacture of wearing apparel	1.05	98.95
15	Manufacture of leather and related products	0.69	99.31
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	5.98	94.02
17	Manufacture of paper and paper products	9.72	90.28
18	Printing and reproduction of recorded media	23.92	76.08
19	Manufacture of coke and refined petroleum products	75.35	24.65
20	Manufacture of chemicals and chemical products	23.67	76.33
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	13.14	86.86
22	Manufacture of rubber and plastic products	20.49	79.51
23	Manufacture of other non-metallic mineral products	24.15	75.85
24	Manufacture of basic metals	42.39	57.61
25	Manufacture of fabricated metal products, except machinery and equipment	17.48	82.52
26	Manufacture of computer, electronic and optical products	42.37	57.63
27	Manufacture of electrical equipment	11.94	88.06
28	Manufacture of machinery and equipment n.e.c	11.33	88.67
29	Manufacture of motor vehicles, trailers and semitrailers	2.68	97.32
30	Manufacture of other transport equipment	75.46	24.54
31	Manufacture of furniture	7.19	92.81
32	Other manufacturing	10.94	89.06
33	Repair and installation of machinery and equipment	29.59	70.41
38	Waste collection, treatment and disposal activities; materials recovery	72.41	27.59
58	Publishing activities	0.61	99.39
	Others	4.53	95.47
	Total	19.20	80.80

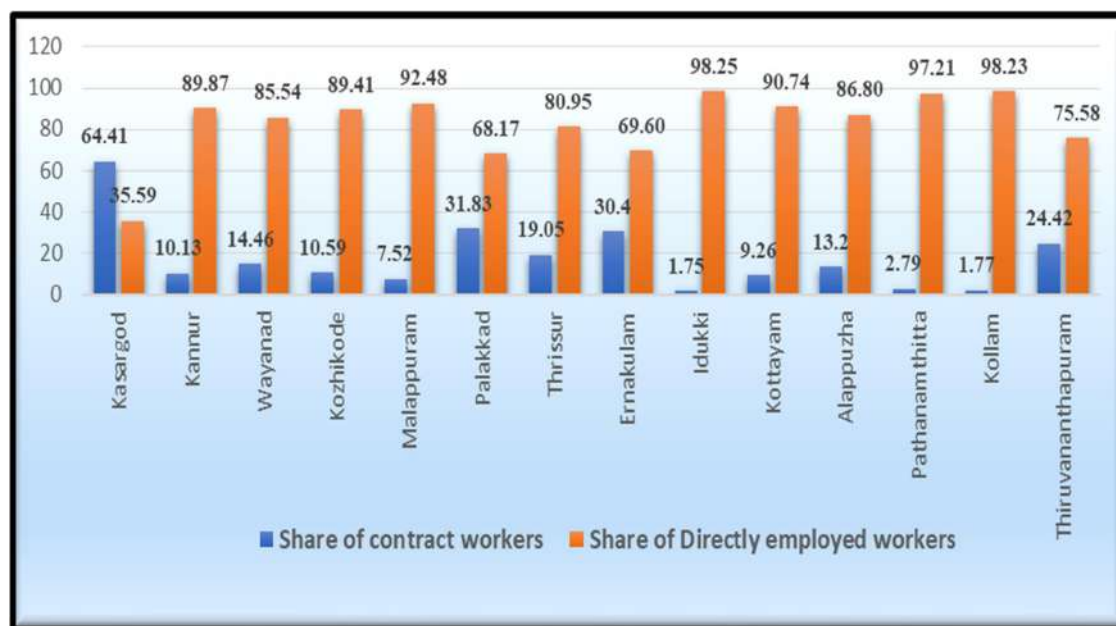
Analyzing the composition of the industrial workforce across the districts, in 2020-21, Kasaragod leads in terms of hiring of contract workers, 64.41% whereas Idukki and Kollam had just 1.75% and 1.77% respectively. Kasaragod is the only district with more than 50% contract workers in the manufacturing

factories while the other districts witnessed highest share of directly employed workers. The Palakkad district reported 31.83% contract workers whereas Ernakulam, the most industrialized district of the state reported 30.40% contract workers in the manufacturing sector (*Table 2.8 and Fig 2.10*).

Table 2.8: District wise distribution of Directly employed and contract workers, Kerala

District	Directly Employed	Employed through Contractors	Total Workers	Share of contract workers
Kasargod	3378	6114	9492	64.41
Kannur	11898	1341	13239	10.13
Wayanad	2302	389	2691	14.46
Kozhikode	9156	1084	10240	10.59
Malappuram	6183	503	6686	7.52
Palakkad	11089	5177	16266	31.83
Thrissur	20163	4745	24908	19.05
Ernakulam	44731	19535	64266	30.40
Idukki	4947	88	5035	1.75
Kottayam	10501	1072	11573	9.26
Alappuzha	20794	3162	23956	13.20
Pathanamthitta	5646	162	5808	2.79
Kollam	38383	691	39074	1.77
Thiruvananthapuram	10362	3348	13710	24.42
Kerala	199533	47411	246944	19.20

Figure 2.10: District wise Percentage share of Directly employed and Contract Workers in manufacturing industry



In addition to this, the estimates of employment status based on different types of organization reveals that only those industries under the category of Government Company-Public had the highest share of contract workers, 56.44% while all the other types of organizations showed significantly high share of directly employed workers (see Figure 2.11).

Figure 2.11: Share of contract workers in the industries by type of organization

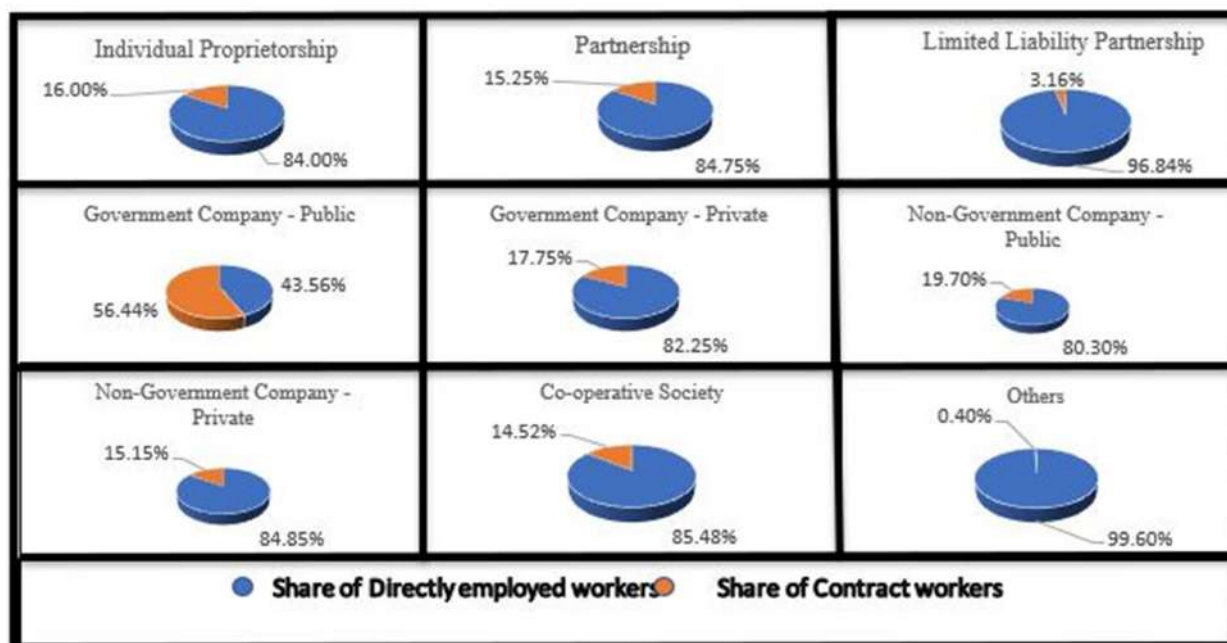
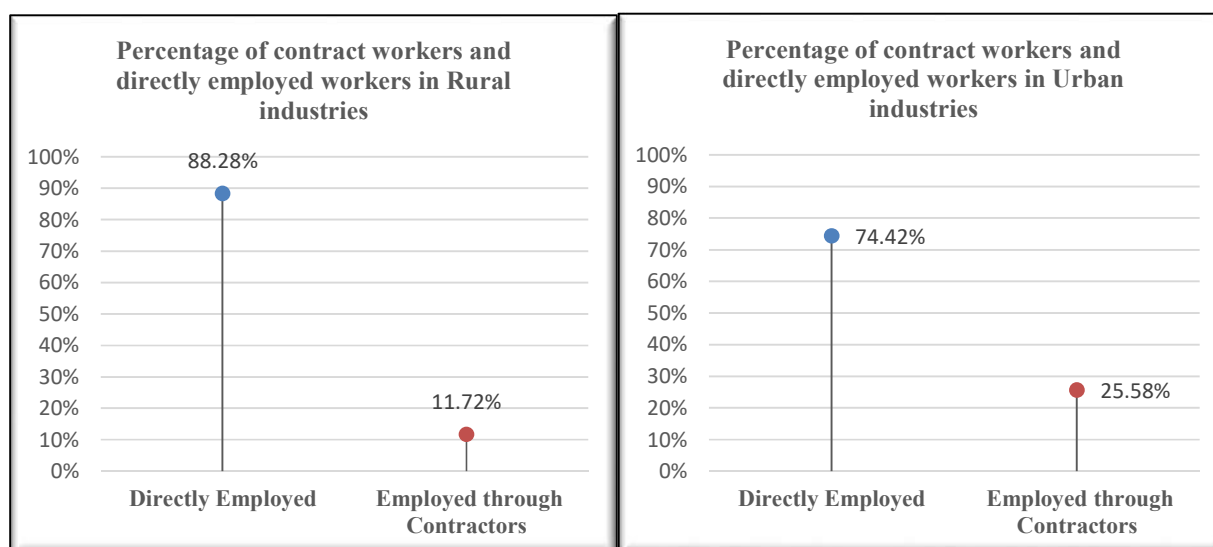


Table 2.9: Sector wise distribution of Directly employed and Contract workers

Employees	Rural	Urban	Total
Directly Employed	100359	99174	199533
Employed through Contractors	13319	34092	47411
Total Workers	113678	133266	246944

Figure 2.12: Percentage of Contract workers and Directly employed workers in Rural and Urban industries



2.3.2. Status of Women in manufacturing sector

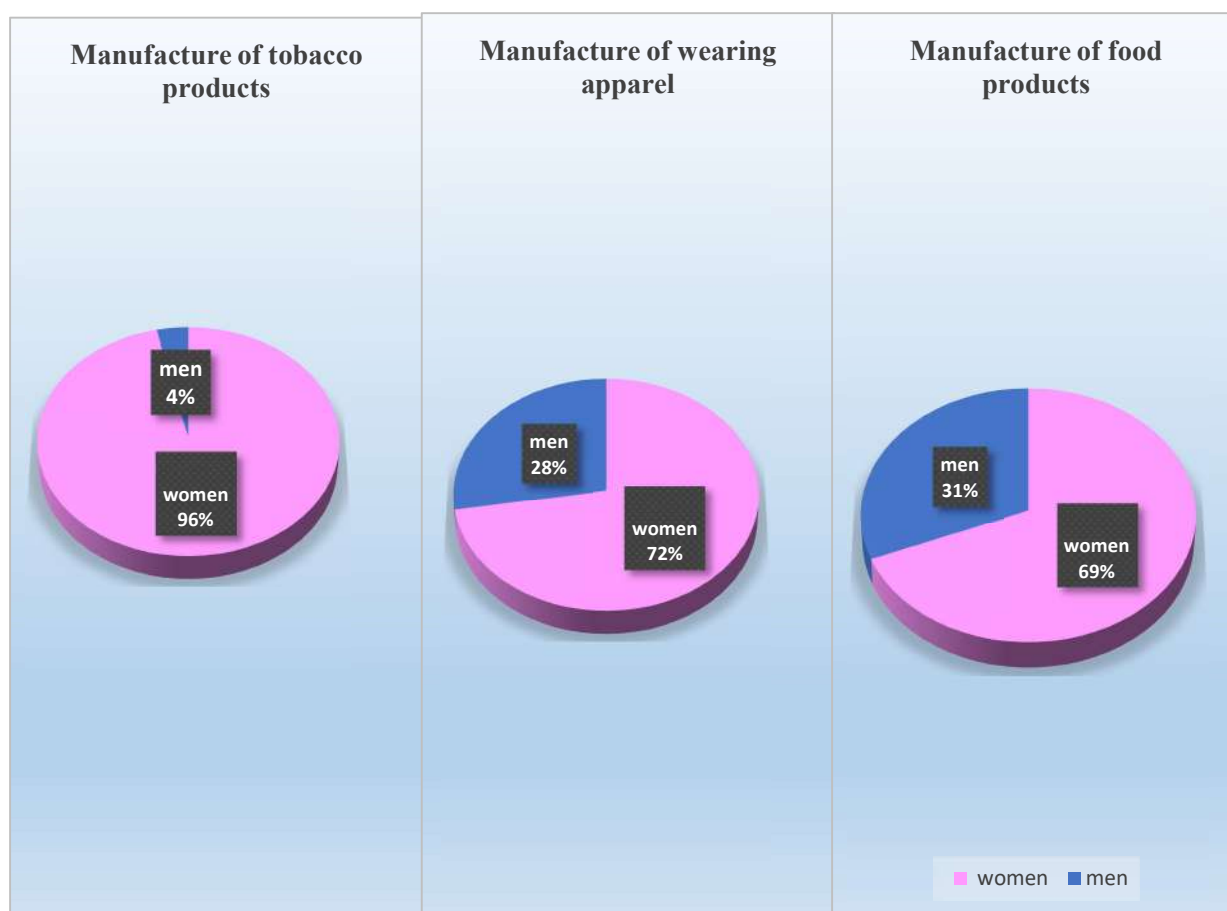
Among directly employed workers, women constitute approximately 42.2% (84,194) of the total work force in 2020-21. This share shows a decline when compared to previous year figure which was 44.5 %. It was also revealed that in Tobacco Products manufacturing industries, the directly employed women representation stands at a striking figure of 96.5%. And the other women work force dominated industries were Wearing apparels (72.4 %) and Food products (68.8 %). Also, an absolute zero representation of women was found in the industries involved in Waste collection, treatment and disposal activities; materials recovery.

Table 2.10: Gender wise distribution of Directly employed workers in manufacturing industries

NIC (2 digit)	Description	Directly Employed			
		Men	Women	Total	Percentage
10	Manufacture of food products	21955	48500	70455	68.8
11	Manufacture of beverages	774	633	1407	45.0
12	Manufacture of tobacco products	150	4134	4284	96.5
13	Manufacture of textiles	8222	6228	14450	43.1
14	Manufacture of wearing apparel	1954	5131	7085	72.4
15	Manufacture of leather and related products	3836	934	4770	19.6

NIC (2 digit)	Description	Directly Employed			
		Men	Women	Total	Percentage
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	5965	1656	7621	21.7
17	Manufacture of paper and paper products	1013	715	1728	41.4
18	Printing and reproduction of recorded media	2279	479	2758	17.4
19	Manufacture of coke and refined petroleum products	1382	27	1409	1.9
20	Manufacture of chemicals and chemical products	6028	816	6844	11.9
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	2802	2567	5369	47.8
22	Manufacture of rubber and plastic products	13763	3010	16773	17.9
23	Manufacture of other non-metallic mineral products	10341	1543	11884	13.0
24	Manufacture of basic metals	2030	204	2234	9.1
25	Manufacture of fabricated metal products, except machinery and equipment	3042	712	3754	19.0
26	Manufacture of computer, electronic and optical products	1838	1292	3130	41.3
27	Manufacture of electrical equipment	2608	1109	3717	29.8
28	Manufacture of machinery and equipment n.e.c	2273	208	2481	8.4
29	Manufacture of motor vehicles, trailers and semitrailers	223	31	254	12.2
30	Manufacture of other transport equipment	1629	79	1708	4.6
31	Manufacture of furniture	1926	372	2298	16.2
32	Other manufacturing	2015	1736	3751	46.3
33	Repair and installation of machinery and equipment	639	132	771	17.1
38	Waste collection, treatment and disposal activities; materials recovery	8	0	8	0.0
58	Publishing activities	643	12	655	1.8
	Others	16001	1934	17935	10.8
	Total	115339	84194	199533	42.2

Figure 2.13: Directly employed Female- Dominated Industries



Rural-Urban sector wise estimates shows that among 1,00,359 directly employed workers in rural industries, about 49 % were women whereas out of 99174 workers in urban industries 35.3 % were women. This shows that women representation is comparatively higher in industries in rural area (*see Table 2.11*).

Table 2.11: Gender and sector wise participation of workers in manufacturing industries

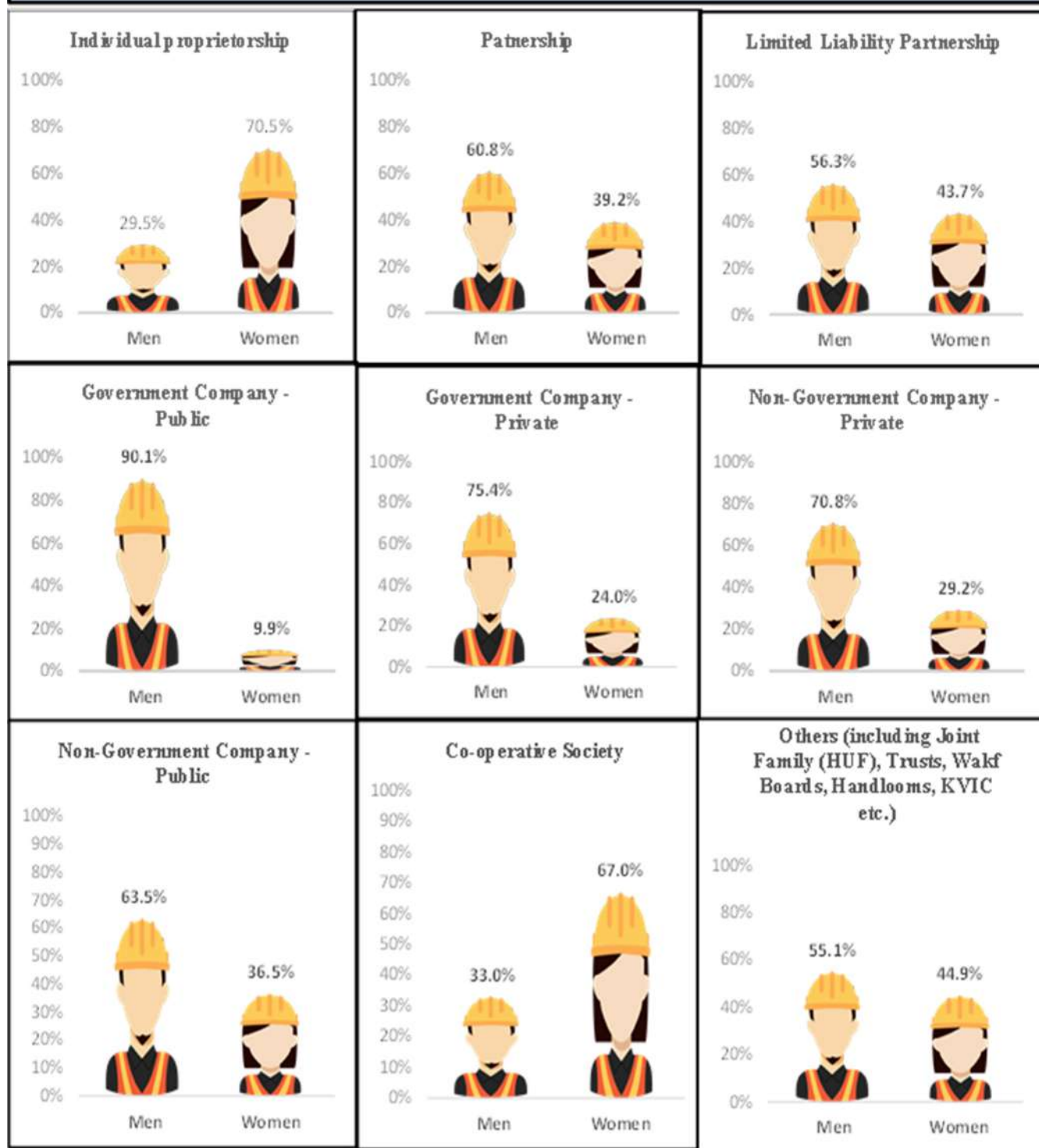
Directly Employed Workers	Rural	Urban	Total
Men	51192 (51.0%)	64147 (64.7%)	115339 (57.8%)
Women	49167 (49.0%)	35027 (35.3%)	84194 (42.2%)
Total	100359	99174	199533

The estimates regarding the industries classified based on organization type shows among the directly employed workers, the women representation in industries under the management of Individual proprietorship and Co-operative societies were about 70.5% and 67.0 % respectively. The remaining type of organizations were male dominated (*refer Table 2.12, Figure 2.14*).

Table 2.12: Gender wise distribution of Directly employed workers in manufacturing industries by type of organization

Type of Organization	Directly Employed Workers			
	Men	Women	Total	Percentage of women
Individual Proprietorship	12044	28850	40894	70.51
Partnership	22790	14706	37496	39.21
Limited Liability Partnership	2450	1898	4348	43.7
Government Company – Public	8617	942	9559	9.9
Government Company – Private	5105	1664	6769	24.6
Non-Government Company – Public	13828	7932	21760	36.5
Non-Government Company – Private	45001	18519	63520	29.2
Co-operative Society	4273	8680	12953	67.0
Others	1231	1003	2234	44.9
Total	115339	84194	199533	42.2

Figure 2.14: Gender wise distribution of Directly employed workers in Manufacturing sector by type of organization



2.3.3 Wages/Salary Structure

In economic concept “Efficiency Wage Theory (EWT) theorizes that higher wages can lead to increased productivity and efficiency among the workers”. The wages of the employees are a significant factor that is linked with labour productivity. An attempt has been made in this respect to analyze the daily wage and labour productivity.



As per ASI survey the wage is defined to “include all remuneration capable of being expressed in monetary terms and also paid more or less regularly in each pay period to workers as compensation for work done during the accounting year”. It includes direct wages and salary, payment of overtime, dearness, compensatory, house rent and other allowances; remuneration for period not worked (i.e., basic wages), salaries and allowances payable for leave period, paid holidays, lay-off and compensation for unemployment (if not paid from source other than employers); Bonus and ex-gratia payment paid more or less regularly.

The technological advancement in the industries might have created a severe impact on the wage distribution in industries involved in varied economic activities. The survey estimates the wage/salary structure of the employees in different categories.

The estimated wages and salaries including bonus and employer’s contribution of 310958 persons engaged in factories during fiscal year 2020-21 accounts to ₹ 10,24,577 lakhs and out of the total emoluments, 38% (₹ 3,89,362 lakhs) was earned by employees in the rural industries and 62% by those in urban industries (₹ 6,35,215 lakhs).

Taking in to account the wages and salaries of different categories of employees, the estimated wage per worker in manufacturing industries during report year was ₹ 2 lakhs whereas the salary per Supervisory & Managerial Staff was ₹ 8.13 lakhs and that of other employees, ₹ 3.43 lakhs. On monthly basis the wage for each category of employees turns out to be ₹ 16,662, ₹ 67,747 and ₹ 28,608 respectively. Also, if on an average of 30 days is considered per month, a worker in state’s organized manufacturing sector earned ₹ 555 as daily wage in 2020-21. On the other hand, those working as Supervisors & Managerial Staff, earned ₹ 2,258 per and Other employees earned ₹ 954 per day.

Among all the workers in various categories of industries the highest daily wage was earned by the worker employed in Coke and Refined Petroleum Products industry with an estimated value of

₹ 1383 followed by industries such as Chemicals and Chemical products, Publishing activities with an estimated daily wage of ₹ 1300 and ₹ 1257 respectively.

It may also be observed that the least daily wage was earned by workers engaged in Tobacco products manufacturing industry (₹ 166) which is followed by industry involved in the manufacture of Wood and Products of Wood and Cork, except furniture; manufacture of articles of straw and plaiting materials (₹ 328) and Wearing Apparel (₹ 365) (refer Figure 2.15, Table 2.13).

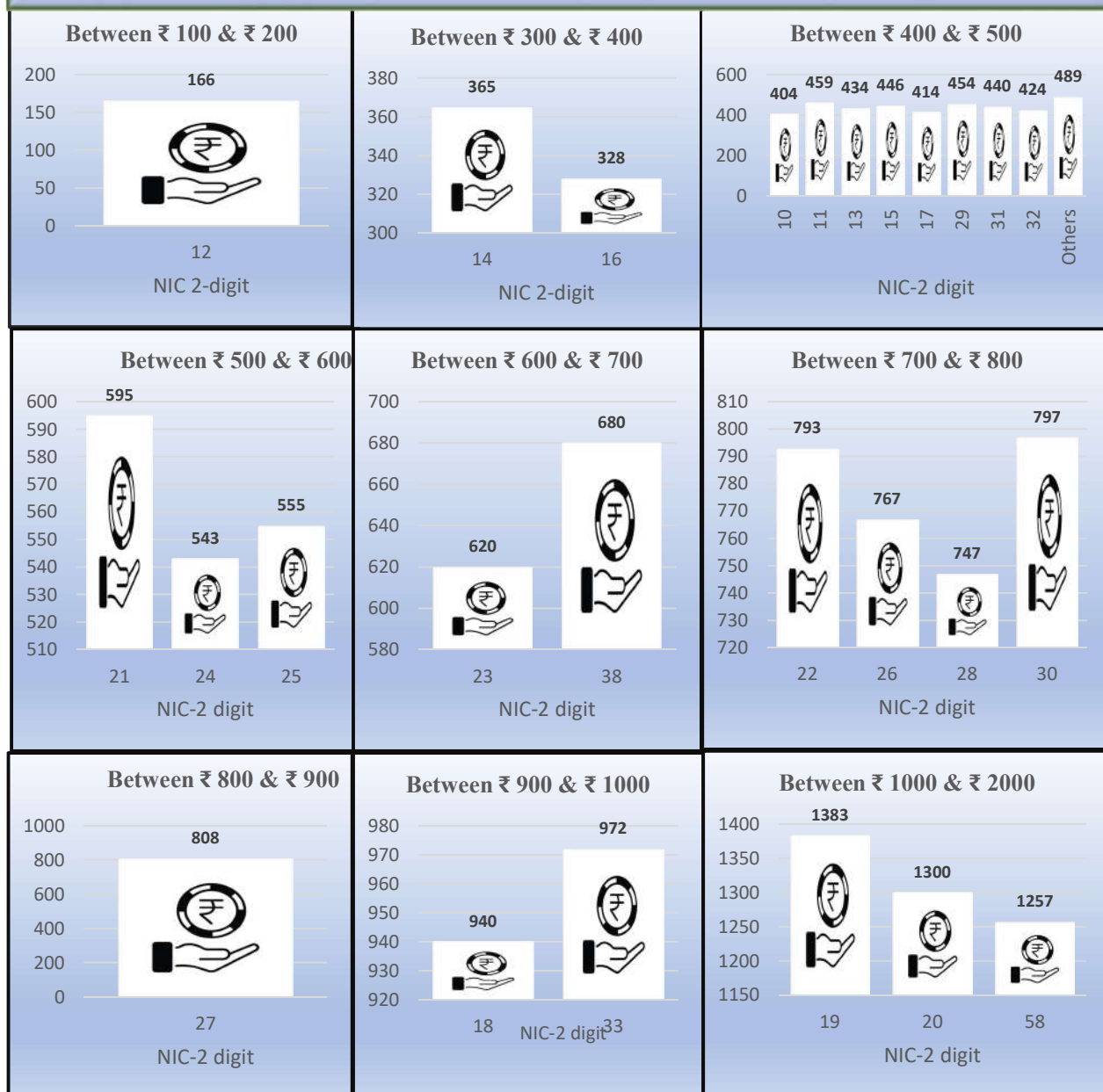
Figure 2.15: Daily wage of workers (in ₹) in factory sector by NIC(2008)-2-digit group of industries



Table 2.13: Distribution of Daily wage of workers (in ₹) in factory sector by NIC (2008)-2-digit group

NIC (2 Digit)	Description	Wages of workers	No. of workers	Wages per worker (in ₹ lakhs)	Daily wage (in ₹)
10	Manufacture of food products	114539	78670	1.46	404
11	Manufacture of beverages	4202	2543	1.65	459
12	Manufacture of tobacco products	6289	10533	0.60	166
13	Manufacture of textiles	25959	16611	1.56	434
14	Manufacture of wearing apparel	9400	7160	1.31	365
15	Manufacture of leather and related products	7711	4803	1.61	446
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plating materials	9565	8106	1.18	328
17	Manufacture of paper and paper products	2853	1914	1.49	414
18	Printing and reproduction of recorded media	12265	3625	3.38	940
19	Manufacture of coke and refined petroleum products	28448	5715	4.98	1383
20	Manufacture of chemicals and chemical products	41945	8966	4.68	1300
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	13239	6181	2.14	595
22	Manufacture of rubber and plastic products	60236	21095	2.86	793
23	Manufacture of other non-metallic mineral products	34953	15667	2.23	620
24	Manufacture of basic metals	7583	3878	1.96	543
25	Manufacture of fabricated metal products, except machinery and equipment	9081	4549	2.00	555
26	Manufacture of computer, electronic and optical products	14991	5431	2.76	767
27	Manufacture of electrical equipment	12273	4221	2.91	808
28	Manufacture of machinery and equipment n.e.c	7527	2798	2.69	747
29	Manufacture of motor vehicles, trailers and semitrailers	427	261	1.64	454
30	Manufacture of other transport equipment	19981	6960	2.87	797
31	Manufacture of furniture	3921	2476	1.58	440
32	Other manufacturing	6432	4212	1.53	424
33	Repair and installation of machinery and equipment	3833	1095	3.50	972
38	Waste collection, treatment and disposal activities; materials recovery	71	29	2.45	680
58	Publishing activities	2983	659	4.53	1257
	Others	33050	18786	1.76	489
	Total	493757	246944	2.00	555

Figure 2.16: Distribution of daily wage (in ₹) of workers in manufacturing sector by NIC (2008)-2 digit group of industries, 2020-21



In the state the Supervisory and Managerial Staff in the manufacturing sector earned an average daily salary of ₹ 2258 in the report year. Among this category of employees, the highest average daily salary (₹ 7119) was earned by those working in Coke and Refined Petroleum Products industry whereas the least (₹ 471) in the Tobacco Products industry.

Figure 2.17: Distribution of Daily salary (in ₹) of Supervisory & Managerial Staff by NIC (2008)-2-digit group of industries

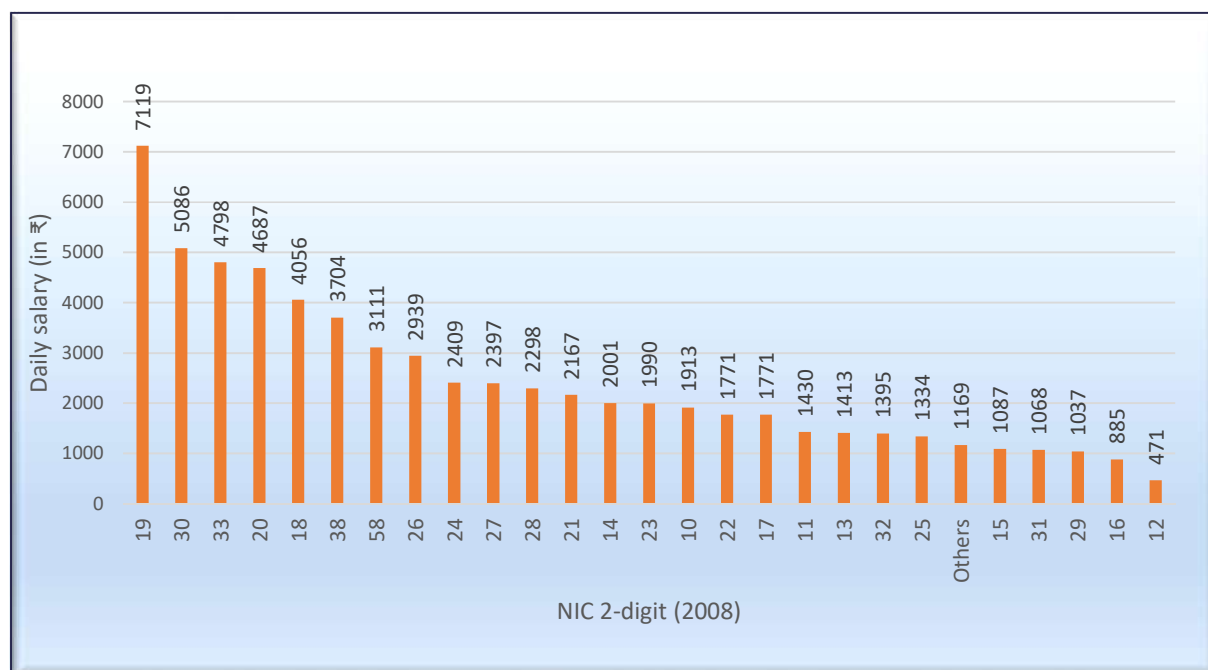


Table 2.14: Distribution of Daily salary of Supervisory and Managerial staff, 2020-21

NIC (2 Digit)	Description	No.of Supervisory & Managerial Staff	Salary of Supervisory & Managerial Staff	Salary per Supervisory & Managerial Staff (in ₹ lakhs)	Daily salary (in ₹)
10	Manufacture of food products	6103	42021	6.89	1913
11	Manufacture of beverages	356	1833	5.15	1430
12	Manufacture of tobacco products	85	144	1.69	471
13	Manufacture of textiles	1142	5809	5.09	1413
14	Manufacture of wearing apparel	337	2428	7.20	2001
15	Manufacture of leather and related products	387	1514	3.91	1087

NIC (2 Digit)	Description	No.of Supervisory & Managerial Staff	Salary of Supervisory & Managerial Staff	Salary per Supervisory & Managerial Staff (in ₹ lakhs)	Daily salary (in ₹)
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1277	4068	3.19	885
17	Manufacture of paper and paper products	230	1466	6.37	1771
18	Printing and reproduction of recorded media	790	11534	14.60	4056
19	Manufacture of coke and refined petroleum products	906	23220	25.63	7119
20	Manufacture of chemicals and chemical products	1906	32163	16.87	4687
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	934	7285	7.80	2167
22	Manufacture of rubber and plastic products	3580	22828	6.38	1771
23	Manufacture of other non-metallic mineral products	2055	14723	7.16	1990
24	Manufacture of basic metals	700	6070	8.67	2409
25	Manufacture of fabricated metal products, except machinery and equipment	798	3833	4.80	1334
26	Manufacture of computer, electronic and optical products	1337	14145	10.58	2939

NIC (2 Digit)	Description	No.of Supervisory & Managerial Staff	Salary of Supervisory & Managerial Staff	Salary per Supervisory & Managerial Staff (in ₹ lakhs)	Daily salary (in ₹)
27	Manufacture of electrical equipment	934	8059	8.63	2397
28	Manufacture of machinery and equipment n.e.c	373	3086	8.27	2298
29	Manufacture of motor vehicles, trailers and semitrailers	41	153	3.73	1037
30	Manufacture of other transport equipment	510	9338	18.31	5086
31	Manufacture of furniture	272	1046	3.85	1068
32	Other manufacturing	728	3657	5.02	1395
33	Repair and installation of machinery and equipment	135	2332	17.27	4798
38	Waste collection, treatment and disposal activities; materials recovery	9	120	13.33	3704
58	Publishing activities	333	3730	11.20	3111
	Others	3349	14090	4.21	1169
	Total	29607	240695	8.13	2258

With respect to the 'Other employees' category in the manufacturing industries of the state, the estimated daily salary earned by the employees was ₹ 954. And among these employees the highest was earned by those working in the industry involved in the manufacturing of Other Transport Equipment and the least (₹ 288) by those working in the Tobacco Products industry.

Figure 2.18: Daily salary (in ₹) of Other employees by NIC (2008)-2-digit group of industries

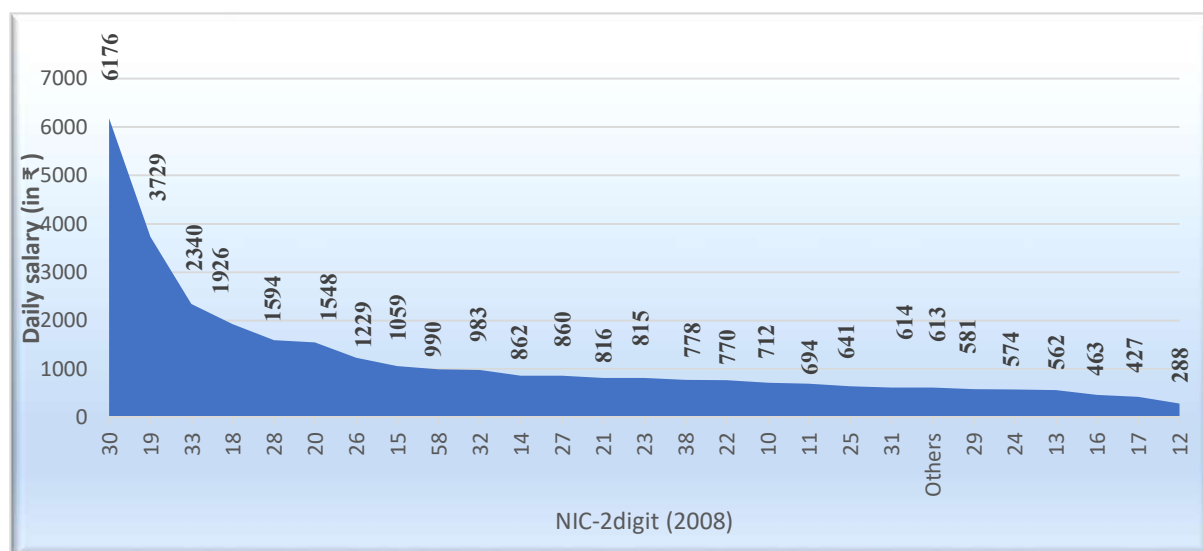


Table 2.15: Distribution of Daily salary of ‘Other employees’ category, 2020-21

NIC (2 Digit)	Description	No. of Other Employees	Salary of Other Employees (₹ lakhs)	Salary per other employee (in ₹ lakhs)	Daily salary (in ₹)
10	Manufacture of food products	8573	21975	2.56	712
11	Manufacture of beverages	213	532	2.50	694
12	Manufacture of tobacco products	186	193	1.04	288
13	Manufacture of textiles	1384	2798	2.02	562
14	Manufacture of wearing apparel	358	1111	3.10	862
15	Manufacture of leather and related products	689	2627	3.81	1059
16	Manufacture of wood and products of wood and cork,except furniture ;manufacture of articlesof straw and plaiting materials	657	1096	1.67	463
17	Manufacture of paper and paper products	201	309	1.54	427
18	Printing and reproduction of recorded media	1888	13091	6.93	1926
19	Manufacture of coke and refined petroleum products	268	3598	13.43	3729
20	Manufacture of chemicals and chemical products	1917	10680	5.57	1548
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	1948	5721	2.94	816

NIC (2 Digit)	Description	No. of Other Employees	Salary of Other Employees (₹ lakhs)	Salary per other employee (in ₹ lakhs)	Daily salary (in ₹)
22	Manufacture of rubber and plastic products	2285	6334	2.77	770
23	Manufacture of other non-metallic mineral products	2022	5933	2.93	815
24	Manufacture of basic metals	630	1302	2.07	574
25	Manufacture of fabricated metal products, except machinery and equipment	583	1345	2.31	641
26	Manufacture of computer, electronic and optical products	602	2663	4.42	1229
27	Manufacture of electrical equipment	602	1863	3.09	860
28	Manufacture of machinery and equipment n.e.c	594	3409	5.74	1594
29	Manufacture of motor vehicles, trailers and semitrailers	44	92	2.09	581
30	Manufacture of other transport equipment	253	5625	22.23	6176
31	Manufacture of furniture	388	858	2.21	614
32	Other manufacturing	1115	3945	3.54	983
33	Repair and installation of machinery and equipment	118	994	8.42	2340
38	Waste collection, treatment and disposal activities; materials recovery	45	126	2.80	778
58	Publishing activities	1633	5822	3.57	990
	Others	3108	6856	2.21	613
	Total	32304	110898	3.43	954

2.3.4. Labour Productivity

Productivity is a measure of economic performance with which resources, both human and material, are converted into goods and services. The labour productivity is a significant factor which plays a pertinent role in the growth of value addition in the manufacturing sector. An attempt has been made to analyze the same by estimating the output per worker in the industries.

In this section attempt has been made to figure out the regional and economic activity wise variation in the labour productivity of registered manufacturing industries in the state. As per the survey findings, aggregate level labour productivity (measured by output labour ratio) during fiscal year 2020-21 is 58.4 i.e., ₹ 58.4 lakhs output was generated by an individual worker. And it is found that among the districts, Ernakulam, with largest number of factories had the highest productivity (₹ 126.5 lakhs) and Kasaragod, the lowest (₹ 5.2 lakhs).

Figure 2.19: District wise Labour Productivity (Output per unit labour) of the manufacturing industries

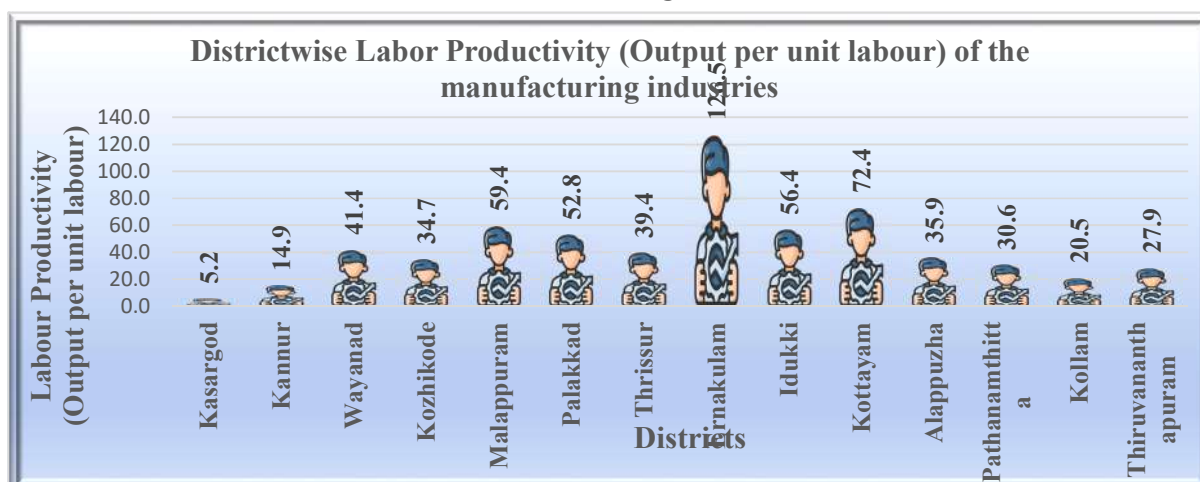


Table 2.16: District wise Labour Productivity (Output per unit labour) of the manufacturing industries

District	Total Output (In ₹ Lakhs)	No.of workers	Labour Productivity (Output per unit of labour in ₹ lakhs)
Kasaragod	49714	9492	5.2
Kannur	196605	13239	14.9
Wayanad	111460	2691	41.4
Kozhikode	355678	10240	34.7
Malappuram	397239	6686	59.4
Palakkad	858590	16266	52.8
Thrissur	982434	24908	39.4
Ernakulam	8131371	64266	126.5
Idukki	283792	5035	56.4
Kottayam	838225	11573	72.4
Alappuzha	859862	23956	35.9
Pathanamthitta	177952	5808	30.6
Kollam	802204	39074	20.5
Thiruvananthapuram	382365	13710	27.9
Kerala	14427491	246944	58.4

Analyzing the labour productivity of industries as per NIC (2008) 2-digit classification, the highest productivity was found in Coke and Refined Petroleum Products manufacturing industries (₹ 767 lakhs) and the lowest in Tobacco Products industry (₹ 1.01 lakhs). This implies that ₹ 767 lakhs of output were generated per unit labour in Coke and Refined Petroleum Products industry whereas only ₹ 0.97 lakhs of output were generated by Tobacco Products industry.

Table 2.17: Labour Productivity of the industries by NIC (2008) 2-digit group

NIC (2 Digit)	Description	Total Output (in ₹ lakhs)	No.of workers	Labour Productivity (Output per unit labour in ₹ lakhs)
10	Manufacture of food products	3405833	78670	43.29
11	Manufacture of beverages	109615	2543	43.10
12	Manufacture of tobacco products	10648	10533	1.01
13	Manufacture of textiles	286452	16611	17.24
14	Manufacture of wearing apparel	89117	7160	12.45
15	Manufacture of leather and related products	168587	4803	35.10
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	244950	8106	30.22
17	Manufacture of paper and paper products	34856	1914	18.21
18	Printing and reproduction of recorded media	148015	3625	40.83
19	Manufacture of coke and refined petroleum products	4383400	5715	767.00
20	Manufacture of chemicals and chemical products	947123	8966	105.63
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	174899	6181	28.30
22	Manufacture of rubber and plastic products	1283440	21095	60.84
23	Manufacture of other non-metallic mineral products	511087	15667	32.62
24	Manufacture of basic metals	490934	3878	126.59
25	Manufacture of fabricated metal products, except machinery and equipment	225802	4549	49.64
26	Manufacture of computer, electronic and optical products	288556	5431	53.13
27	Manufacture of electrical equipment	154636	4221	36.63
28	Manufacture of machinery and equipment n.e.c	78326	2798	27.99
29	Manufacture of motor vehicles, trailers and semitrailers	3770	261	14.44
30	Manufacture of other transport equipment	330185	6960	47.44
31	Manufacture of furniture	39723	2476	16.04
32	Other manufacturing	355660	4212	84.44
33	Repair and installation of machinery and equipment	88435	1095	80.76
38	Waste collection, treatment and disposal activities; materials recovery	6944	29	239.45
58	Publishing activities	50008	659	75.88
	Others	516490	18786	27.49
	Total	14427491	246944	58.42

An intensive analysis of inter-regional and inter-industry variation in the labour productivity is of great importance in understanding the deficiencies of under developed areas, problems of growth, availability of human resource and market potential. Further, this may be helpful in formulating integrated developmental plans for industrial developments.

2.3.5 Capital Investment

Understanding the investment level in the industrial sector provides an insight into the factors that results in the state's economic development. The growth of the industrial output depends on the capital investment which includes addition to its assets and new investment on the plant and machinery. The survey estimates invested capital as the total of fixed capital and physical working of the industries. From the survey, the estimated invested capital of the manufacturing sector in the state for the fiscal year 2020-21 was ₹ 80,32,739 lakhs. Among all the District, Ernakulam with the highest number of factories had the highest invested capital (₹ 56,08,864 lakhs) and it accounts to about 69.8% of the total capital invested in the manufacturing sector of the state. It's worth notable that capital invested by industries of the remaining District lies in 0% -5% range. This reveals that major investment in the manufacturing sector of the state is made by the industries of Ernakulam district (*see Figure 2.20, Table 2.18*).

Figure 2.20: District wise share of Invested Capital, 2020-21

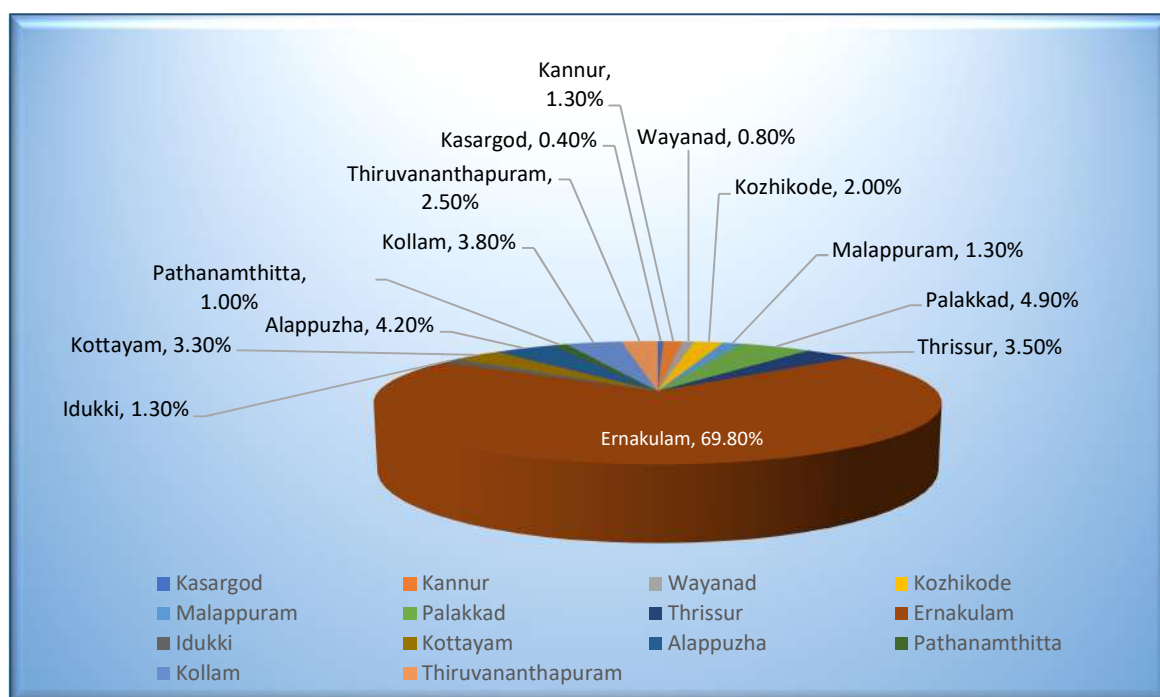


Table 2.18: District wise distribution of Invested Capital of manufacturing industries, 2020-21

District	Invested Capital (in ₹ Lakhs)	Percentage of Invested Capital
Kasaragod	28533	0.4
Kannur	101302	1.3
Wayanad	64646	0.8
Kozhikode	158489	2.0
Malappuram	103297	1.3
Palakkad	397576	4.9
Thrissur	278271	3.5
Ernakulam	5608864	69.8
Idukki	107465	1.3
Kottayam	261102	3.3
Alappuzha	335332	4.2
Pathanamthitta	81170	1.0
Kollam	308903	3.8
Thiruvananthapuram	197789	2.5
Kerala	8032739	100.0

In addition to this, considering the different industries involved in varied economic activities, the coke and refined petroleum products industry shows the highest invested capital with an estimated value of ₹ 40.69,285 lakhs which accounts to about 50.66% of state's aggregate value. The least capital (₹ 2860 lakhs) was invested by industries attributed to the Manufacture of motor vehicles, trailers and semitrailers contributing 0.04% to the aggregate.

Figure 2.21: Share of invested capital of industries by NIC (2008)-2digit categorisation

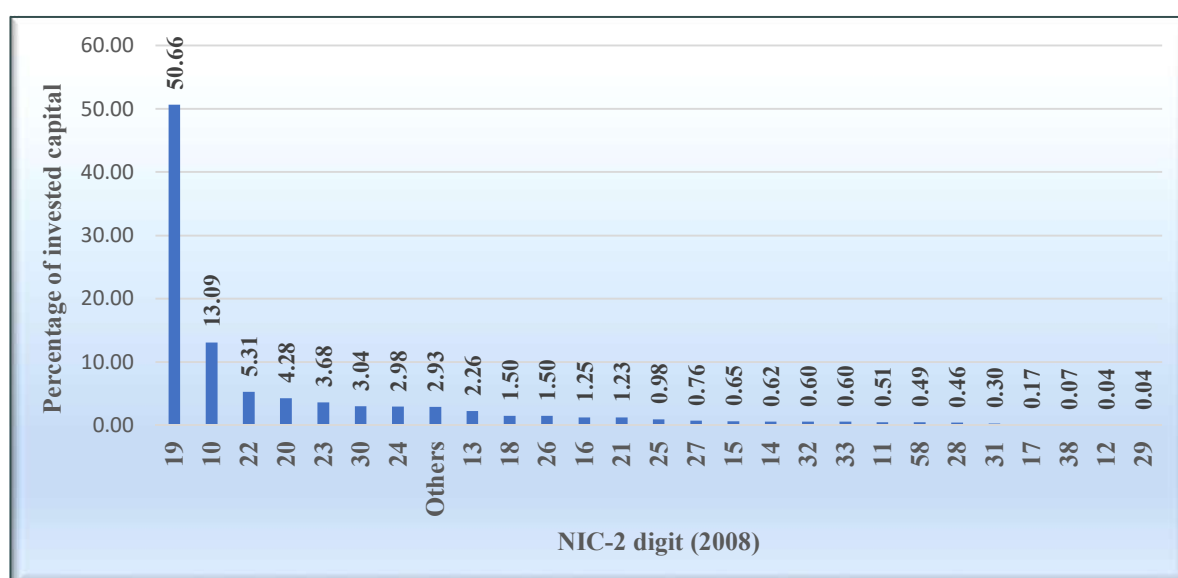


Table 2.19: Distribution of invested capital as per NIC (2008)-2-digit classification of industries

NIC (2 Digit)	Description	Invested Capital (in ₹ Lakhs)	Percentage of invested capital
10	Manufacture of food products	1051569	13.09
11	Manufacture of beverages	40612	0.51
12	Manufacture of tobacco products	3169	0.04
13	Manufacture of textiles	181616	2.26
14	Manufacture of wearing apparel	49614	0.62
15	Manufacture of leather and related products	52553	0.65
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	100564	1.25
17	Manufacture of paper and paper products	13279	0.17
18	Printing and reproduction of recorded media	120613	1.50
19	Manufacture of coke and refined petroleum products	4069285	50.66
20	Manufacture of chemicals and chemical products	344165	4.28
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	98971	1.23
22	Manufacture of rubber and plastic products	426380	5.31
23	Manufacture of other non-metallic mineral products	295771	3.68
24	Manufacture of basic metals	239364	2.98
25	Manufacture of fabricated metal products, except machinery and equipment	78387	0.98
26	Manufacture of computer, electronic and optical products	120496	1.50
27	Manufacture of electrical equipment	61179	0.76
28	Manufacture of machinery and equipment n.e.c	37297	0.46
29	Manufacture of motor vehicles, trailers and semitrailers	2860	0.04
30	Manufacture of other transport equipment	244189	3.04
31	Manufacture of furniture	23954	0.30
32	Other manufacturing	48314	0.60
33	Repair and installation of machinery and equipment	48210	0.60
38	Waste collection, treatment and disposal activities; materials recovery	5954	0.07
58	Publishing activities	39370	0.49
	Others	235004	2.93
	Total	8032739	100.00

Based on the organization type, industries under the category Government Company – Public shows highest invested capital (₹ 41,67,880 lakhs) in the fiscal year 2020-21 which covers 51.89% of the total investment in the manufacturing industries of the state.

And the least invested capital (₹ 37198 lakhs, 0.46% of aggregate) was estimated in the ‘Others category’ which includes a group of industries under Joint Family Trusts (HUF), Wakf Boards, Handlooms, KVIC, etc. which is followed by Co-operative society contributing just 1.51% of total capital invested on the manufacturing industries (₹ 1,21,199 lakhs) of the state (see Figure 2.22, Table 2.20).

Figure 2.22: Invested Capital of industries based on type of Organization

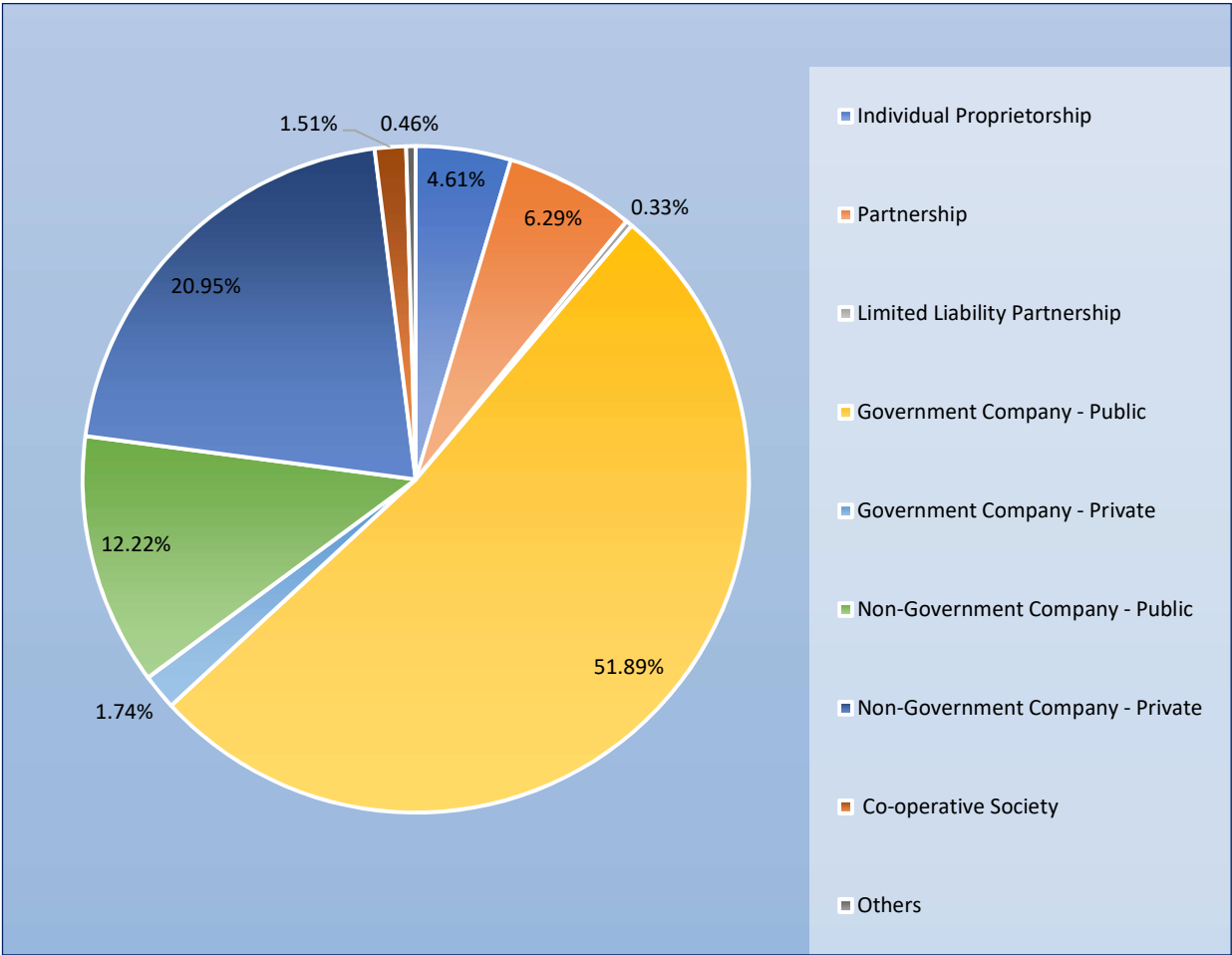
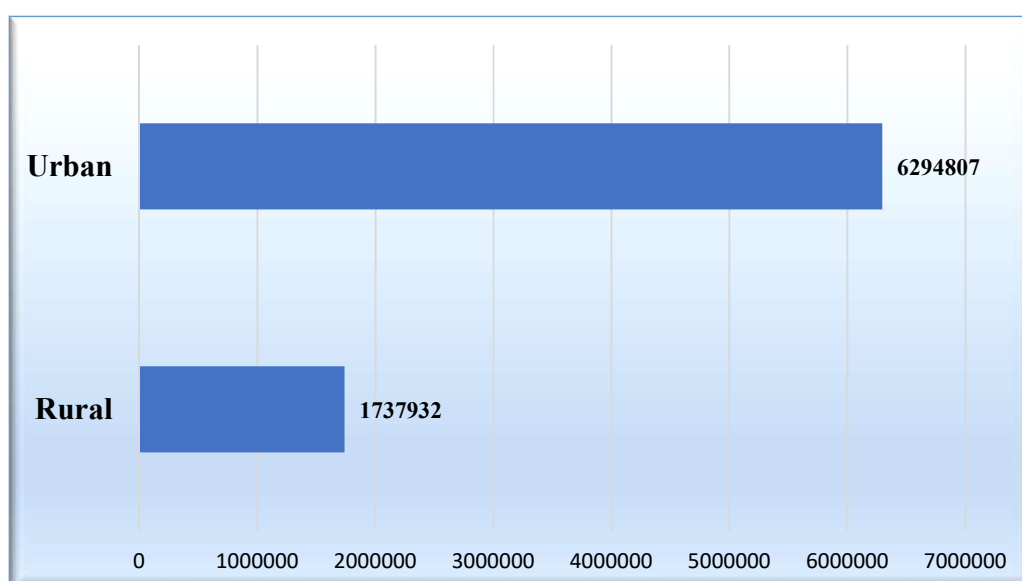


Table 2.20: Distribution of Invested capital of factory sector by type of organization

Type of Organization	Invested Capital (in ₹ Lakhs)	Percentage of invested capital
Individual Proprietorship	370229	4.61
Partnership	505122	6.29
Limited Liability Partnership	26264	0.33
Government Company - Public	4167880	51.89
Government Company - Private	139748	1.74
Non-Government Company - Public	981922	12.22
Non-Government Company - Private	1683177	20.95
Co-operative Society	121199	1.51
Others	37198	0.46
Total	8032739	100.00

Capital investment in the rural-urban sectors also plays a significant role in boosting the manufacturing sector in the under developed areas. As per the survey results, the invested capital of 3478 factories in operation located in rural areas was 21.6% of the state aggregate (₹ 17,37,932 lakhs) and that of 3479 factories located in urban areas was 78.4% (₹ 62,94,807 lakhs).

Figure 2.23: Invested Capital (in ₹ lakhs) in the manufacturing industries in rural-urban sector



2.3.4. Gross Fixed Capital Formation (GFCF)

Capital Formation is a key indicator which assess the magnitude of growth of productive potential of an economy. The survey estimates the Gross Fixed Capital Formation (GFCF) which builds an important segment of Gross Domestic Product (GDP) of the state. GFCF is measured by the total value of a producer's acquisitions, less disposals, of fixed assets during the accounting period plus certain specified expenditure on services that adds to the value of non-produced assets.

As per survey results, the estimated GFCF of the manufacturing in the state in 2020-21 stands at ₹ 5,99,633 lakhs which is 47.61 % decline from previous year figure (₹ 11,44,598 lakhs in 2019-20). Among the District the highest GFCF was recorded by factories in Ernakulam district and the least in Kasargod.

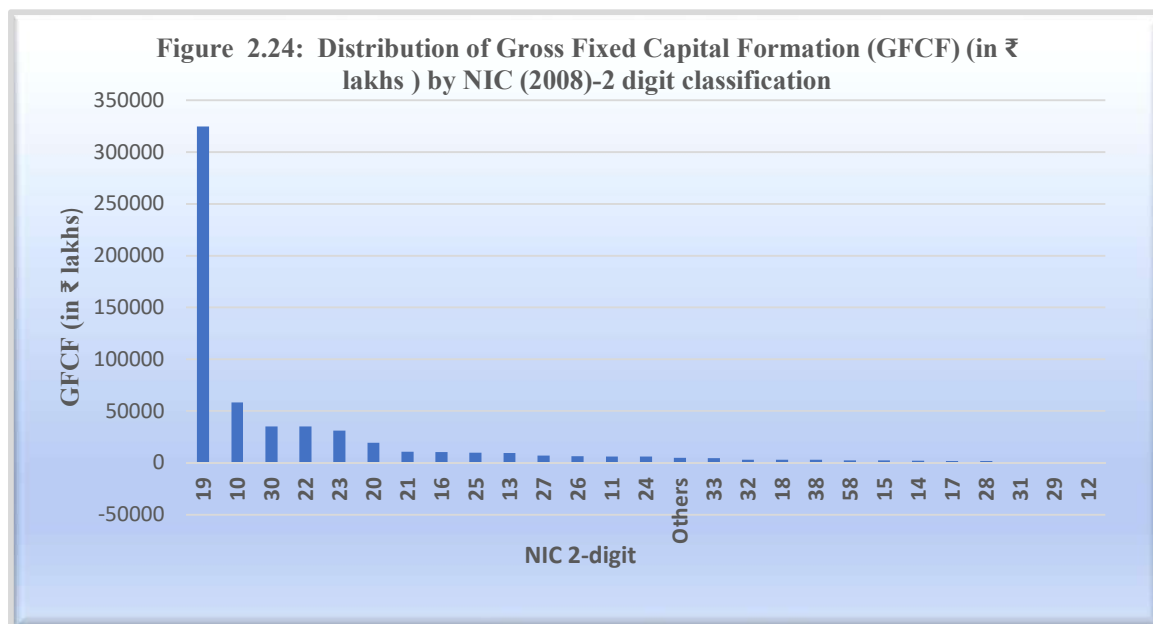
Table 2.21: District wise distribution of Gross Fixed Capital Formation (GFCF) of industries

District	Gross Fixed Capital Formation (GFCF) (in ₹ lakhs)	Percentage of GFCF
Kasargod	602	0.10
Kannur	5893	0.98
Wayanad	1644	0.27
Kozhikode	7786	1.30
Malappuram	9270	1.55
Palakkad	28438	4.74
Thrissur	12429	2.07
Ernakulam	460550	76.81
Idukki	4760	0.79
Kottayam	14308	2.39
Alappuzha	29433	4.91
Pathanamthitta	3959	0.66
Kollam	7296	1.22
Thiruvananthapuram	13265	2.21
Kerala	599633	100.00

Out of various types of industries, in 2020-21 coke and refined petroleum products manufacturing industry leads with an estimated Gross Fixed Capital Formation of ₹ 3,24,827 lakhs. But this industry had a significant decline from 2019-20, when the GFCF was ₹ 7,37,072 lakhs. Apart from this, state aggregate's 54.17 % is contributed by this industry while other industries had made only minor contribution.

Table 2.22: Gross Fixed Capital Formation (GFCF) of industries as per NIC (2008)-2-digit group of industries

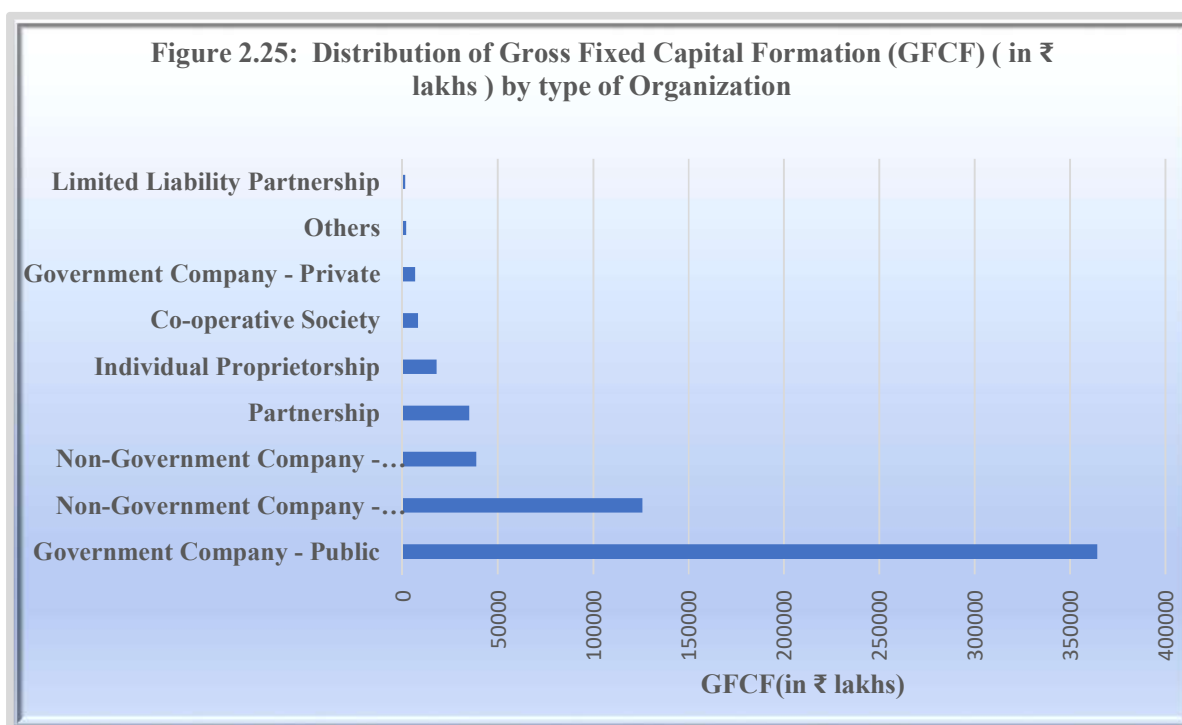
NIC (2 Digit)	Description	GFCF (in ₹ lakhs)	Percentage of GFCF
10	Manufacture of food products	58144	9.70
11	Manufacture of beverages	6264	1.04
12	Manufacture of tobacco products	-165	-0.03
13	Manufacture of textiles	9639	1.61
14	Manufacture of wearing apparel	1920	0.32
15	Manufacture of leather and related products	2198	0.37
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plating materials	10344	1.73
17	Manufacture of paper and paper products	1820	0.30
18	Printing and reproduction of recorded media	2953	0.49
19	Manufacture of coke and refined petroleum products	324827	54.17
20	Manufacture of chemicals and chemical products	19506	3.25
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	10641	1.77
22	Manufacture of rubber and plastic products	34972	5.83
23	Manufacture of other non-metallic mineral products	31118	5.19
24	Manufacture of basic metals	6252	1.04
25	Manufacture of fabricated metal products, except machinery and equipment	9983	1.66
26	Manufacture of computer, electronic and optical products	6640	1.11
27	Manufacture of electrical equipment	7071	1.18
28	Manufacture of machinery and equipment n.e.c	1713	0.29
29	Manufacture of motor vehicles, trailers and semitrailers	363	0.06
30	Manufacture of other transport equipment	34999	5.84
31	Manufacture of furniture	373	0.06
32	Other manufacturing	2979	0.50
33	Repair and installation of machinery and equipment	4850	0.81
38	Waste collection, treatment and disposal activities; materials recovery	2845	0.47
58	Publishing activities	2445	0.41
	Others	4939	0.82
	Total	599633	100.00



Considering the GFCF of different types of organization, the highest estimated value was attributed to ‘Government Company – Public’ industries (₹ 3,64,191 lakhs) which has a share of 60.74% of state aggregate. Limited Liability Partnership industries recorded the least with an estimated value of ₹ 1426 lakhs.

Table 2.23: Distribution of Gross Fixed Capital Formation (GFCF) of manufacturing industries by type of organization

Type of Organization	Gross Fixed Capital Formation (in ₹ lakhs)	Percentage of GFCF
Government Company - Public	364191	60.74
Non-Government Company - Private	125691	20.96
Non-Government Company - Public	38652	6.45
Partnership	35107	5.85
Individual Proprietorship	17950	2.99
Co-operative Society	8078	1.35
Government Company - Private	6622	1.10
Others	1916	0.32
Limited Liability Partnership	1426	0.24
Total	599633	100.00

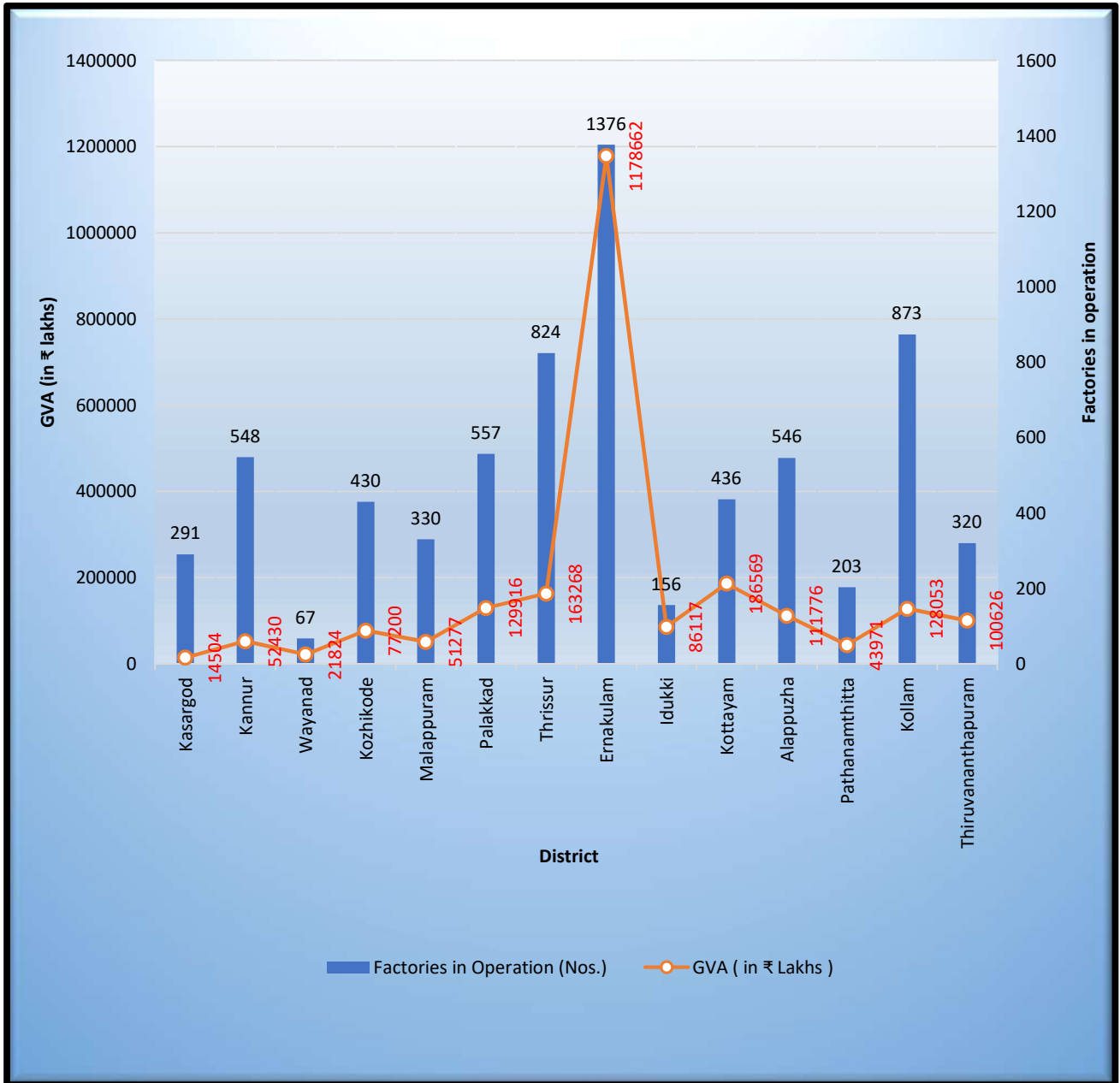


2.4 Gross Value Added (GVA)

The economy is erected by the productive units that combine the factors of production to create value. By analyzing the financial transactions of these productive units, state income accounts can be more accurately maintained and hence reveals the beats of economic activity. The survey estimates the Gross Value Added (GVA) of the manufacturing units which is a significant measure of contribution to the Gross State Value Added (GSVA). The GVA is the increment to the value of goods and services contributed by the factory which is obtained by deducting the value of total input cost from total output at current prices, in monetary terms.

It may be observed that from 6957 factories in operation, the estimated Gross Value Added in fiscal year 2020-21 at current prices was ₹ 23,46,193 lakhs which exhibits a decline of 1.2% from the previous year (₹ 23,73,743). That is GVA per factory in operation dropped from 341.4 to 337.2 (in ₹ lakhs). Also, the district wise estimates show that Ernakulam with highest number of factories created highest GVA of ₹ 11,78,662 lakhs and second highest by the industries in Kottayam (₹ 1,86,569 lakhs). It is to be noted that while industries in Ernakulam contributes 50.2 % share of aggregate GVA industries in Kottayam contributes only 8%. Thus, Ernakulam is the only district in the state which had made the major contribution to boost the GVA of the manufacturing sector in the state.

Figure 2.26: District wise distribution of factories in operation and GVA (in ₹ lakhs)



Considering GVA per factory in operation, the top three districts are Ernakulam (₹ 856.6 lakhs), Idukki (₹ 552.0 lakhs) and Kottayam (₹ 427.9 lakhs). It's also worth notable that Wayanad with least number of factories in operation has a fair figure of GVA per factory in operation, ₹ 325.7 lakhs.

Table 2.24: District-wise distribution of factories in operation, GVA and GVA per factory in operation (in ₹ lakhs)

District	Factories in Operation (Nos.)	GVA (in ₹ Lakhs)	Percentage of GVA	GVA per factory in operation
Kasargod	291	14504	0.6	49.8
Kannur	548	52430	2.2	95.7
Wayanad	67	21824	0.9	325.7
Kozhikode	430	77200	3.3	179.5
Malappuram	330	51277	2.2	155.4
Palakkad	557	129916	5.5	233.2
Thrissur	824	163268	7.0	198.1
Ernakulam	1376	1178662	50.2	856.6
Idukki	156	86117	3.7	552.0
Kottayam	436	186569	8.0	427.9
Alappuzha	546	111776	4.8	204.7
Pathanamthitta	203	43971	1.9	216.6
Kollam	873	128053	5.5	146.7
Thiruvananthapuram	320	100626	4.3	314.5
Kerala	6957	2346193	100.0	337.2

Out of the industries in terms of NIC (2008)-2-digit classification under the coverage of the survey, the major four industries with highest share of GVA were Food Products (19.4 %), Chemicals & Chemical Products (13.3 %), Coke and Refined Petroleum Products (12.9 %) and had Rubber and Plastic Products (10.4 %).

Figure 2.27: Distribution of GVA across manufacturing industries of Kerala by NIC (2008)-2-digit category of industries

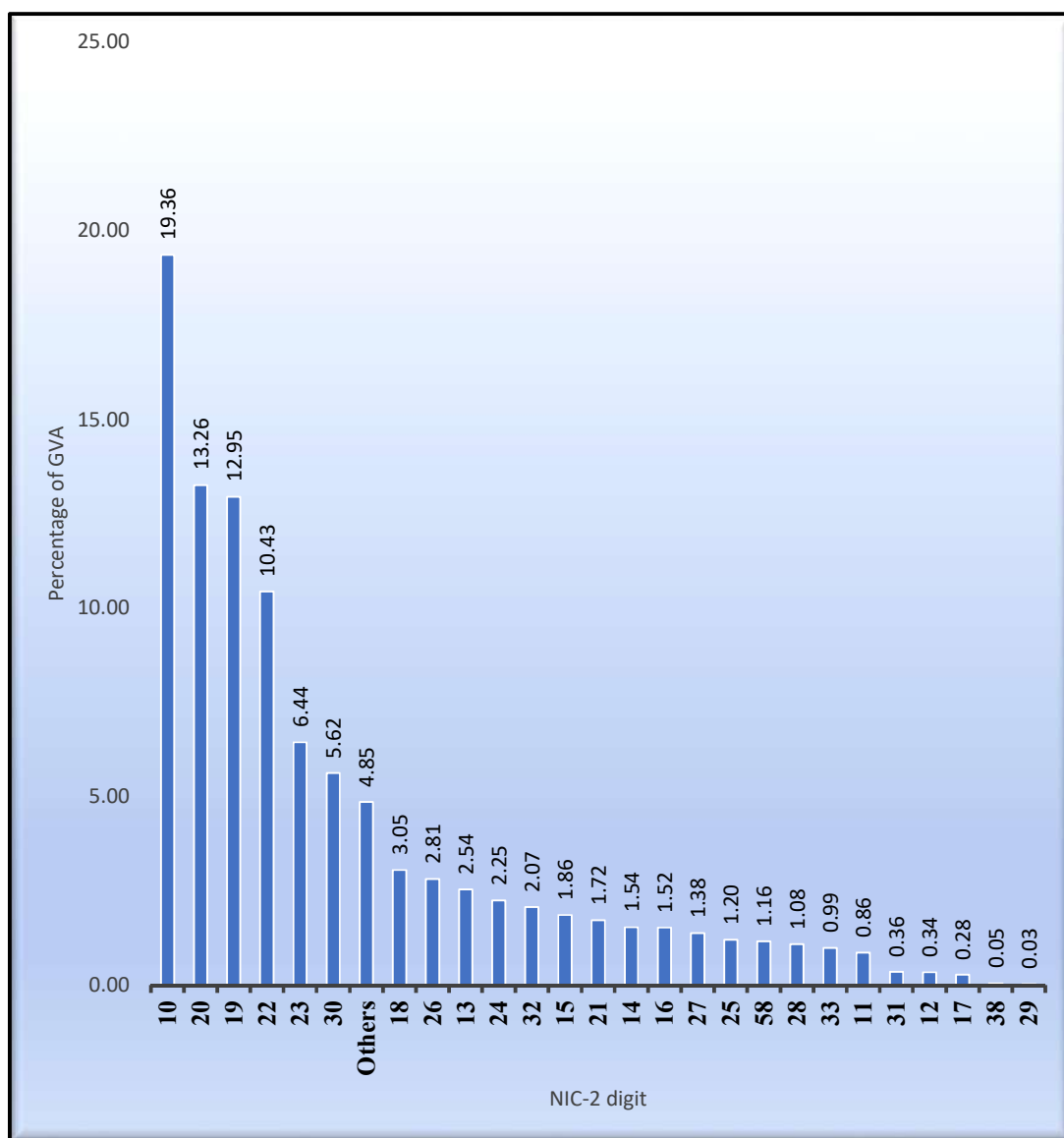


Table 2.25: Distribution of GVA across manufacturing industries of Kerala by NIC (2008)-2-digit group of industries

NIC (2-digit)	Description	GVA (in ₹ Lakhs)	Percentage
10	Manufacture of food products	454213	19.4
11	Manufacture of beverages	20171	0.9
12	Manufacture of tobacco products	8030	0.3
13	Manufacture of textiles	59530	2.5
14	Manufacture of wearing apparel	36018	1.5
15	Manufacture of leather and related products	43614	1.9
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35719	1.5
17	Manufacture of paper and paper products	6475	0.3
18	Printing and reproduction of recorded media	71623	3.1
19	Manufacture of coke and refined petroleum products	303744	12.9
20	Manufacture of chemicals and chemical products	310998	13.3
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	40420	1.7
22	Manufacture of rubber and plastic products	244809	10.4
23	Manufacture of other non-metallic mineral products	151027	6.4
24	Manufacture of basic metals	52683	2.2
25	Manufacture of fabricated metal products, except machinery and equipment	28228	1.2
26	Manufacture of computer, electronic and optical products	66012	2.8
27	Manufacture of electrical equipment	32352	1.4
28	Manufacture of machinery and equipment n.e.c	25442	1.1
29	Manufacture of motor vehicles, trailers and - trailers	778	0.0
30	Manufacture of other transport equipment	131889	5.6
31	Manufacture of furniture	8416	0.4
32	Other manufacturing	48503	2.1
33	Repair and installation of machinery and equipment	23252	1.0
38	Waste collection, treatment and disposal activities; materials recovery	1211	0.1
58	Publishing activities	27260	1.2
	Others	113776	4.8
	Total	2346193	100.0

Region wise, the major part of the GVA of the manufacturing sector is contributed by the industries in the urban area with 64.98 % share. In addition, while considering the industries based on organization type the factories under Non-Government Company-Private. Government Company-Public and Non-Government Company -public made up a large chunk (76.02 %) of GVA for the fiscal year 2020-21.

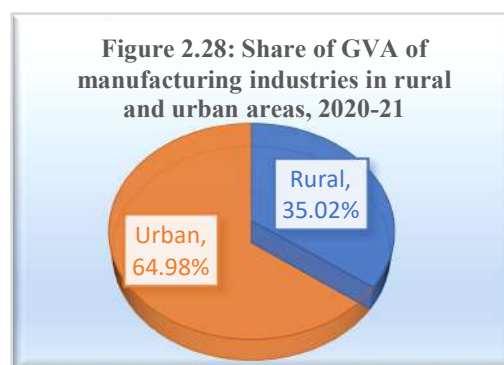


Figure 2.29: Distribution of GVA across manufacturing industries by type of Organization



2.5. Output to Input Ratio

Output to input ratio is a measure which determines how efficiently a system or process can utilize the available resources. During the report year the value of total output generated by 6957 operating factories was ₹ 14,42,7491 lakhs and these factories had an input worth ₹ 12,08,1298 lakhs. Considering the state aggregate the estimated ratio of output to input was 1.19. Among the District the output-input ratio of industries is highest in Idukki with an estimate of 1.44. This measure shows how the resources are efficiently used to increase the output. The figures do not vary significantly much across the districts.

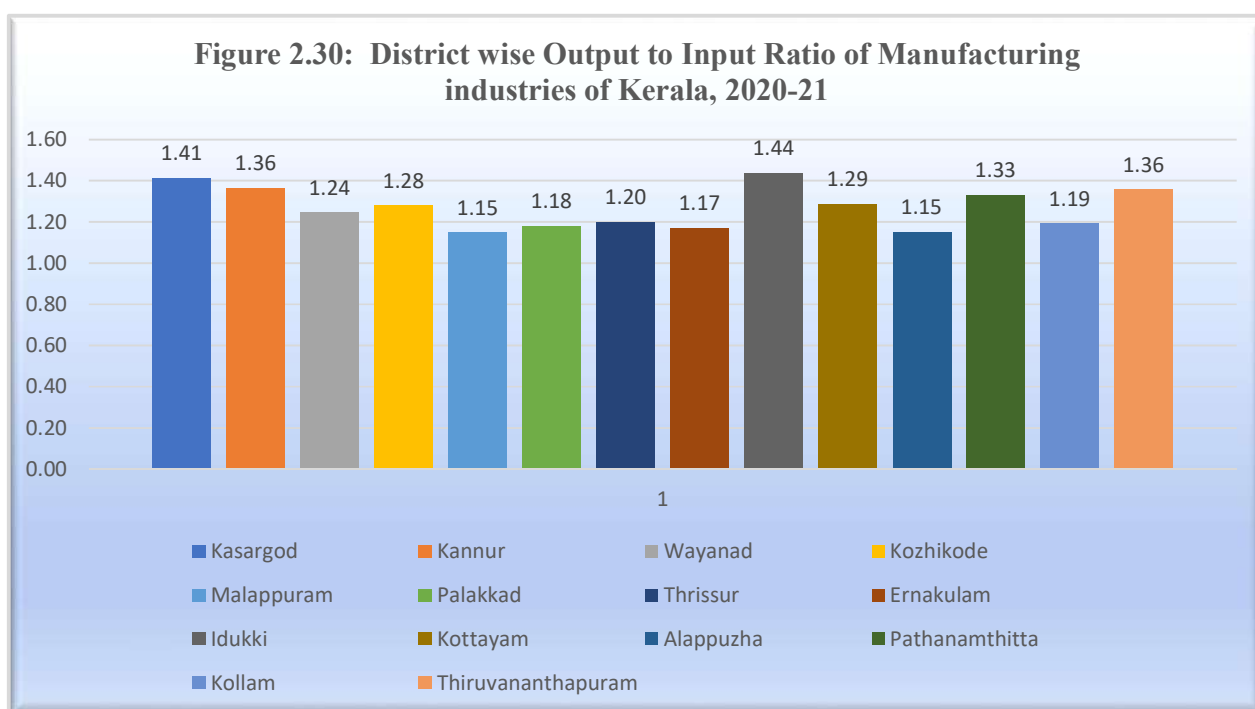


Table 2.26: District wise distribution of Output, Input and Output to Input Ratio

District	Total Output (in ₹ lakhs)	Total Input (in ₹ lakhs)	Output-Input Ratio
Kasargod	49714	35210	1.41
Kannur	196605	144175	1.36
Wayanad	111460	89636	1.24
Kozhikode	355678	278478	1.28
Malappuram	397239	345962	1.15
Palakkad	858590	728674	1.18
Thrissur	982434	819166	1.20
Ernakulam	8131371	6952709	1.17
Idukki	283792	197675	1.44
Kottayam	838225	651656	1.29
Alappuzha	859862	748086	1.15
Pathanamthitta	177952	133981	1.33
Kollam	802204	674151	1.19
Thiruvananthapuram	382365	281739	1.36
Kerala	14427491	12081298	1.19

When different category of industries based on economic activities are considered, the output to input ratio of Tobacco products manufacturing industries accounts to 4.07 which implies that the value output created was four times the input. The next highest ratio is recorded by industry attributed to Publishing Activities which has the ratio value of 2.20 which signifies that the value of output is double the input. While the other industries do not show significant difference.



Chapter 4: Trend Analysis

Trend analysis of the characteristics of manufacturing sector is essential for understanding the growth structure and it has been done from 2015-16 to 2020-21. Here an attempt has been made to explore the trend behaviour of the time series of principal characteristics of the registered manufacturing sector of the state.

The major purpose of the survey is to assess the performance of the organized manufacturing units and its contribution to the over-all economy. The survey also seeks solutions to the problems regarding the capability of current industrial policy in achieving the goals that leads to economic development.

A quick reference of the contribution of whole manufacturing sector to the Gross State Value Added (GSVA) at current price from 2015-16 to 2019-20 reveals that sectoral composition of manufacturing had a downward trend during the period 2016-17 to 2019-20. And in the financial year 2016-17 the contribution was 10.87 % which declined in subsequent years to reach at a figure of 9.23 % in the financial year 2019-20.

Figure 4.1: Manufacturing-percentage
Sectoral composition of GSVA at current price



4.1 Factories in operation

As per ASI survey results from 2015-16 to 2020-21, over the years, the estimated number of operating factories in the organized manufacturing sector showed an upward trend from 2016-17 to 2019-20. In the financial year 2020-21 the number of operating factories slightly declined at the rate of 0.06 %.

Table 4.1: Total factories and factories in operation from 2015-16 to 2020-21, Kerala

Principal Characteristic	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Number of factories	7584	7982	7596	7695	7793	7972
Factories in Operation (Nos.)	6371	6507	6538	6840	6957	6953
Percentage of factories in operation	84.0	81.5	86.1	88.9	89.3	87.2

Table 4.2: Percentage growth of operational factories, Kerala 2016-17 to 2020-21

Characteristic	2016-17 over 2015-16	2017-18 over 2016-17	2018-19 Over 2017-18	2019-18 over 2018-19	2020-21 over 2019-20
Factories in Operation	2.13	0.48	4.62	1.71	-0.06

Figure 4.2: Factories in operation & percentage growth rate over the previous year from 2015-16 to 2020-21



4.2 Investment behavior in organized manufacturing sector

The capital invested in the industries consists of physical working capital and fixed capital. The physical working capital is the total inventory owned by the factory on the closing day of the accounting year. As per the time series data the physical working capital has maintained an upward trend from 2015-16 to 2018-19; which declined at the rate of 1.2% in the year 2019-20 compared to previous year. In 2020-21, physical working capital i.e. the value of inventory controlled by the firms showed a growth rate of 5.58% (see Figure 4.3).

Figure 4.3: Physical capital (in ₹ lakhs) & percentage growth rate over the previous year from 2015-16 to 2020-21



The change in fixed capital from 2015-16 to 2020-21 reveals a major fall in growth rate in 2017-18 recording a decline of 8.68 % over the previous year. The highest value was estimated in 2019-20 (₹ 5,92,826 lakhs) recording a growth rate of 20.81% over the previous year but in the subsequent year (2020-21) it dropped by 1.88 % (see Figure 4.4).

Figure 4.4: Fixed capital (in ₹ lakhs) & percentage growth rate over the previous year from 2015-16 to 2020-21



Invested capital is the sum of fixed capital and physical working capital. The fluctuations in the values of these two reflects in the total capital invested. Over the years the invested capital showed an increasing trend except in 2017-18. The fixed capital showed a major drop of 8.68% and this has made an effect in the invested capital, declined by 5.38%. Apart from this, invested capital also recorded a marginal growth rate of 0.07 % in 2020-21 (see Figure 4.5).

Figure 4.5: Invested capital (in ₹ lakhs) & percentage growth rate over the previous year from 2015-16 to 2020-21



Table 4.3: Capital invested in manufacturing sector from 2015-16 to 2020-21

Principal Characteristic	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Fixed Capital (in ₹ lakhs)	4069375	4784549	4369284	4907497	5928546	5817077
Physical working capital (in ₹ lakhs)	1647775	1762792	1825536	2124099	2098604	2215662
Invested Capital (in ₹ lakhs)	5717150	6547340	6194820	7031597	8027150	8032739

Table 4.4: Percentage growth of capital, Kerala 2016-17 to 2020-21

Principal Characteristic	Percentage growth				
	2016-17 over 2015-16	2017-18 over 2016-17	2018-19 over 2017-18	2019-20 over 2018-19	2020-21 over 2019-20
Fixed Capital	17.57	-8.68	12.32	20.81	-1.88
Physical working capital	6.98	3.56	16.35	-1.20	5.58
Invested Capital	14.52	-5.38	13.51	14.16	0.07

The concept of Capital formation is highly significant as it helps to concentrate on the physical process of forming good that are to be used in the production of other goods. Higher the growth rate of Capital Formation, higher would be productivity capacity of the economy. Analyzing the Gross Fixed Capital Formation of manufacturing over the years, the values are fluctuating in upward and downward trend. The highest decline in GFCF was observed in 2017-18 and 2020-21 at the rate of 57.96 % and 47.61 % respectively compared to previous year.

Figure 4.6: Gross Fixed Capital Formation (in ₹ lakhs) & percentage growth rate over the previous year from 2015-16 to 2020-21

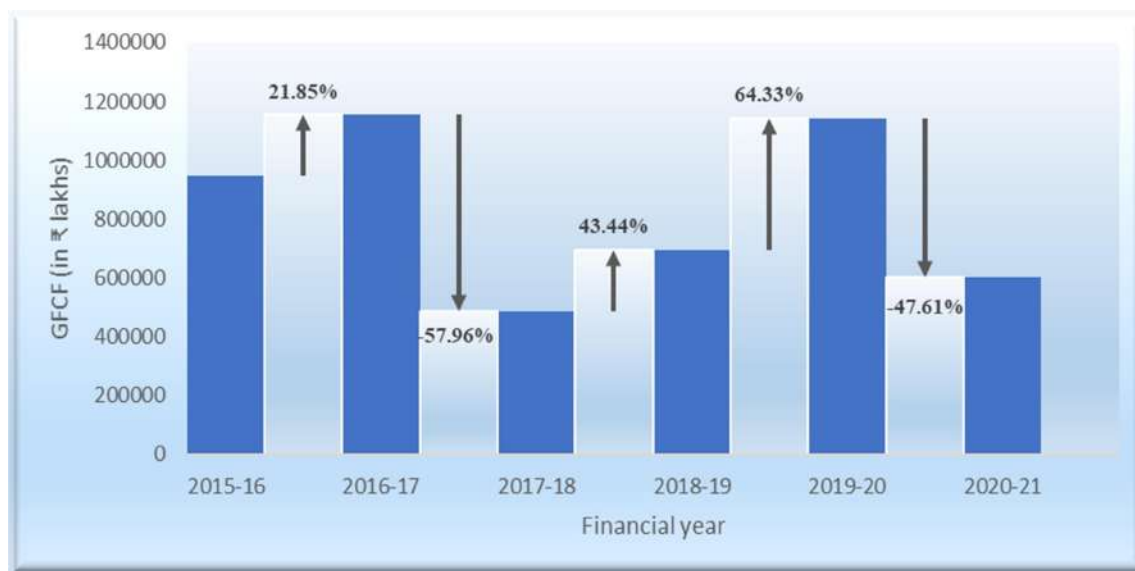


Table 4.5: Gross Fixed Capital Formation (GFCF) in manufacturing sector from 2015-16 to 2020-21

Principal Characteristic	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Gross Fixed Capital Formation (GFCF) (in ₹ lakhs)	947818	1154951	485582	696533	1144598	599633

Table 4.6: Percentage growth of Gross Fixed Capital Formation (GFCF), Kerala 2016-17 to 2020-21

Principal Characteristic	Percentage growth				
	2016-17 over 2015-16	2017-18 over 2016-17	2018-19 over 2017-18	2019-20 over 2018-19	2020-21 over 2019-20
Gross Fixed Capital Formation (GFCF) (in ₹ lakhs)	21.85	-57.96	43.44	64.33	-47.61

4.3 Output and Input

The output of the manufacturing industries showed upward trend from 2016-17 to 2018-19. The output growth was remarkably 36.81 % during 2018-19 (₹ 2,26,51,833 lakhs). It fell down to the rate of 3.40 % in 2019-20. Again, it plummeted at the rate of 34.07 % in 2020-21 (Figure 4.7)

Figure 4.7: Output (in ₹ lakhs) & percentage growth rate over the previous year from 2016-17 to 2020-21



A same trend is visible in the case of input also. A similar spike at the rate of 41.59 % is observed in the input in 2018-19 as well as a major drop rate of 38.07 % is observed in 2020-21. Both input and output showed a major decline in their values in 2020-21 (Figure 4.8).

Figure 4.8: Input (in ₹ lakhs) & percentage growth rate over the previous year from 2016-17 to 2020-21

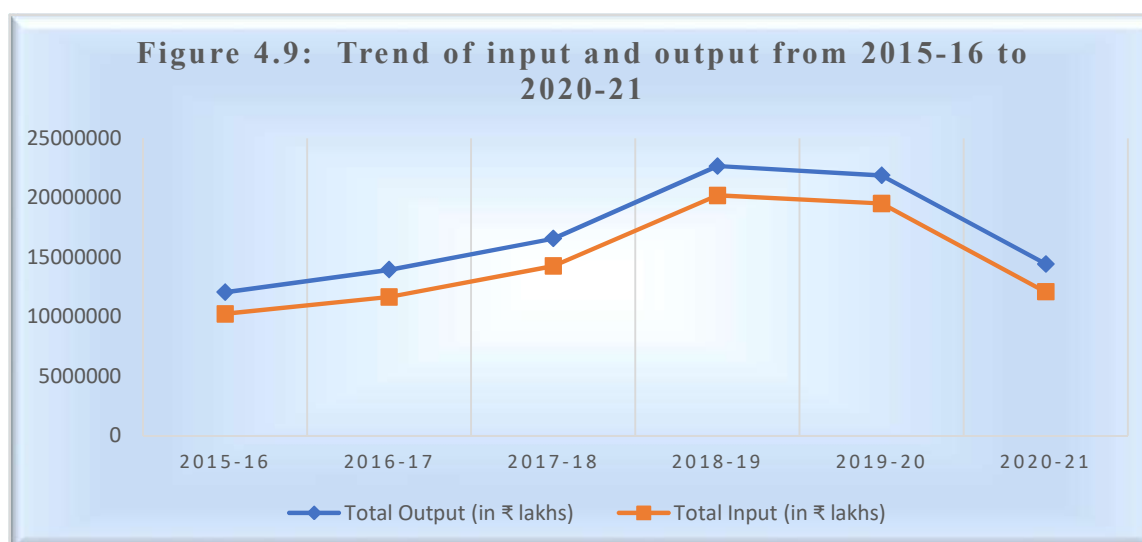


Table 4.7: Input and Output manufacturing sector from 2016-17 to 2020-21, Kerala

Principal Characteristic	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Total Output (in ₹ lakhs)	12052212	13942718	16556578	22651833	21881862	14427491
Total Input (in ₹ lakhs)	10237768	11643987	14256475	20185943	19508119	12081298

Table 4.8: Percentage growth of input and output, Kerala 2016-17 to 2020-21

Principal Characteristic	Percentage growth				
	2016-17 over 2015-16	2017-18 over 2016-17	2018-19 over 2017-18	2019-20 over 2018-19	2020-21 over 2019-20
Input	13.74	22.44	41.59	-3.36	-38.07
Output	15.69	18.75	36.81	-3.40	-34.07



4.4. Gross Value Added (GVA)

Gross value added is the value additions in the production of manufacturing units and is obtained by deducting input from output. The time series data shows consecutive ups and downs in the value of indicator from 2016-17 to 2019-20. With fluctuating growth rates in years 2019-20 and 2020-21 it showed consecutive decline rating of 3.74 % and 1.16 % respectively. Even though the input and output plummeted by more than 30 % in absolute terms during 2020-21, the Gross Valued Added showed a decline rate of 1.16 % only (see Figure 4.8).

Figure 4.10: Gross Value Added (in ₹ lakhs) & percentage growth rate over the previous year from 2015-16 to 2020-21

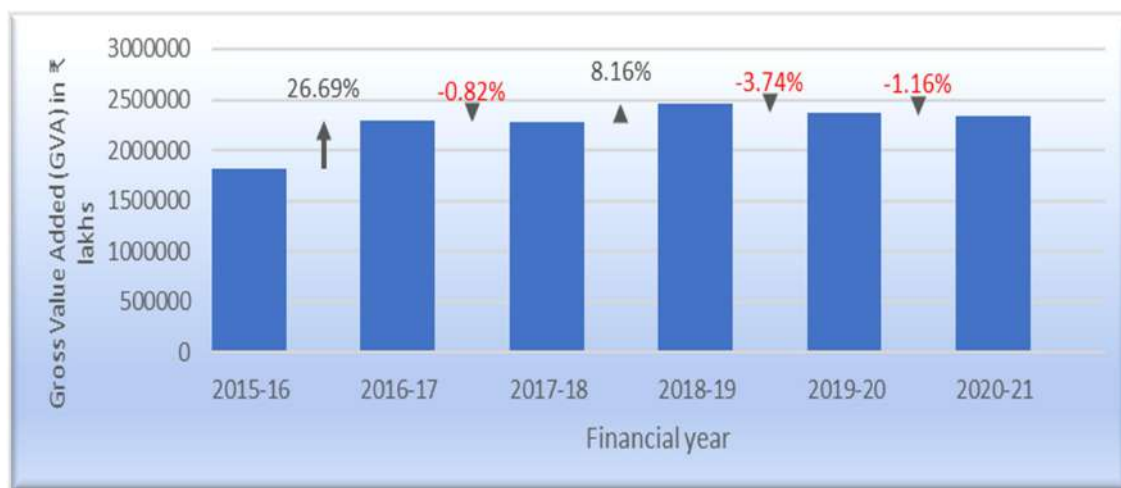


Table 4.9: Gross Value Added (GVA) manufacturing sector from 2016-17 to 2020-21

Principal Characteristic	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Gross Value Added (GVA) (in ₹ lakhs)	1814445	2298731	2279897	2465890	2373743	2346193

Table 4.10: Percentage growth of Gross Value Added (GVA) Kerala 2016-17 to 2020-21

Principal Characteristic	Percentage growth				
	2016-17 over 2015-16	2017-18 over 2016-17	2018-19 over 2017-18	2019-20 over 2018-19	2020-21 over 2019-20
Gross Value Added (GVA)	26.69	-0.82	8.16	-3.74	-1.16

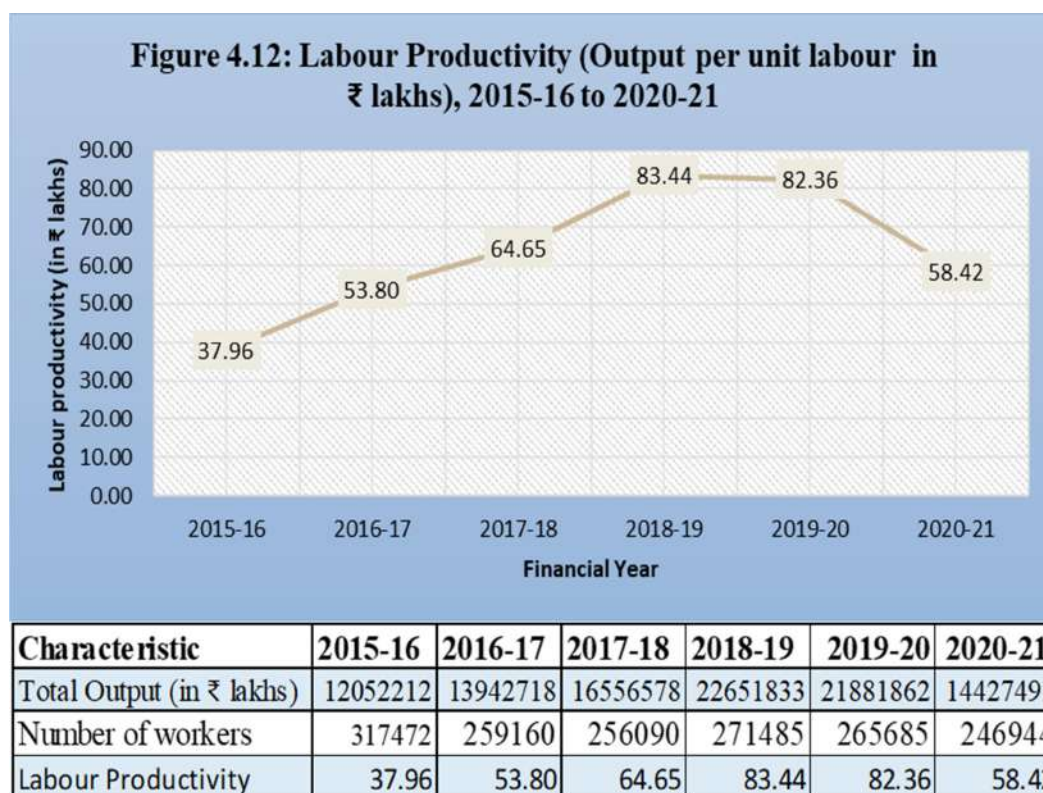
4.5 Employment and Wages

In this section an attempt has been made to analyse the behaviour of labour employment, wage per worker and labour productivity. Over the years, the number of persons engaged in factories declined by 14.24 % during 2016-17 and 10.24 % in 2020-21.

Figure 4.11: Number of persons engaged in manufacturing & percentage growth rate over the previous year from 2015-16 to 2020-21



The labour productivity was measured in terms of Output per worker and the times series data reveals an upward trend during period from 2015-16 to 2019-20. In the subsequent year the productivity started declining in 2020-21 output generated turns out to be about ₹ 58.42 lakhs per worker, a reasonable decrease.



Analysing the number of workers, a growth was observed only in 2018-19 (6.01 %) compared to previous year whereas diminishing trend is seen while observing the number from 2015-16 to 2017-18. During 2020-21 the number of workers declined by 7.05% compared to 2019-20.

Figure 4.13: Number of workers in manufacturing & percentage growth rate over the previous year from 2015-16 to 2020-21



Among the workers, considering the directly employed workers, in 2016-17 it shows a decline of 20.43%. In the remaining years the only upward trend (4.92 %) was shown during 2018-19. In 2019-20 and 2020-21 the number of directly employed workers again declined with rates 5.82 % and 8.20% respectively.

Figure 4.14: Number of Directly employed workers in manufacturing & percentage growth rate over the previous year from 2015-16 to 2020-21



Compared to directly employed workers, the contract workers showed better growth rates over the years. The highest upward trend was observed in 2018-19 (12.68 %) and 2019-20 (18.78 %) respectively. In the subsequent year, 2020-21, a slight rate of decline of 1.92 % was recorded. It's evident from the figures that the rate of decline of contract workers were less as compared to directly employed workers over the years.

Figure 4.15: Number of contract workers in manufacturing & percentage growth rate over the previous year from 2016-17 to 2020-21

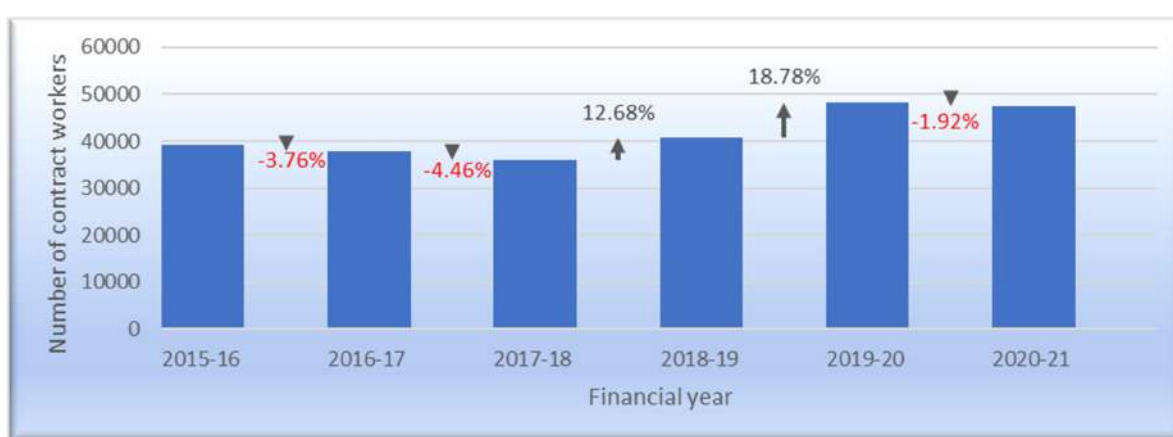


Table 4.11: Number of workers in manufacturing sector from 2016-17 to 2020-21, Kerala

Employees	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Workers	317472	259160	256090	271485	265685	246944
Directly Employed	278193	221358	219973	230788	217347	199533
Employed through Contractors	39279	37803	36117	40697	48338	47411

Table 4.12: Growth of number of workers, Kerala 2016-17 to 2020-21

Employees	2016-17 over 2015-16	2017-18 over 2016-17	2018-19 over 2017-18	2019-20 over 2018-19	2020-21 over 2019-20
Workers	-18.37%	-1.18%	6.01%	-2.14%	-7.05%
Directly Employed	-20.43%	-0.63%	4.92%	-5.82%	-8.20%
Employed through Contractors	-3.76%	-4.46%	12.68%	18.78%	-1.92%

4.5.1 Female participation in manufacturing

Analysing the directly employed female participation in manufacturing from 2015-16 to 2020-21, the statistics shows a continuous decline from 2016-17 onwards. Moreover, in 2016-17 women participation dropped at rate of 23.76 % while from 2017-18 to 2019-20 it showed a slow rate of decline range 1%-4%. In the subsequent year, 2020-21, female participation again dropped by 12.97 %.

Figure 4.16: Female participation in manufacturing & percentage growth rate over the previous year from 2015-16 to 2020-21



Table 4.13: Gender wise number of directly employed workers in manufacturing sector from 2016-17 to 2020-21

Directly employed workers	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Men	139119	115322	118816	131597	120606	115339
Women	139074	106035	101157	99191	96741	84194

Table 4.14: Gender wise growth of number of directly employed workers, 2016-17 to 2020-21

Directly employed workers	2016-17 over 2015-16	2017-18 over 2016-17	2018-19 over 2017-18	2019-20 over 2018-19	2020-21 over 2019-20
Men	-17.11%	3.03%	10.76%	-8.35%	-4.37%
Women	-23.76%	-4.60%	-1.94%	-2.47%	-12.97%

4.5.2 Wages/Salary of employees

Wage is having a closer relationship with the output and labour productivity. As per ASI survey results, wages and salaries of the employees showed an upward trend from 2016-17 to 2018-19, but during 2020-21 the same is declined at the rate of 4.77 %.

Figure 4.17: Wages/Salaries of employees in manufacturing & percentage growth rate over the previous year from 2016-17 to 2020-21

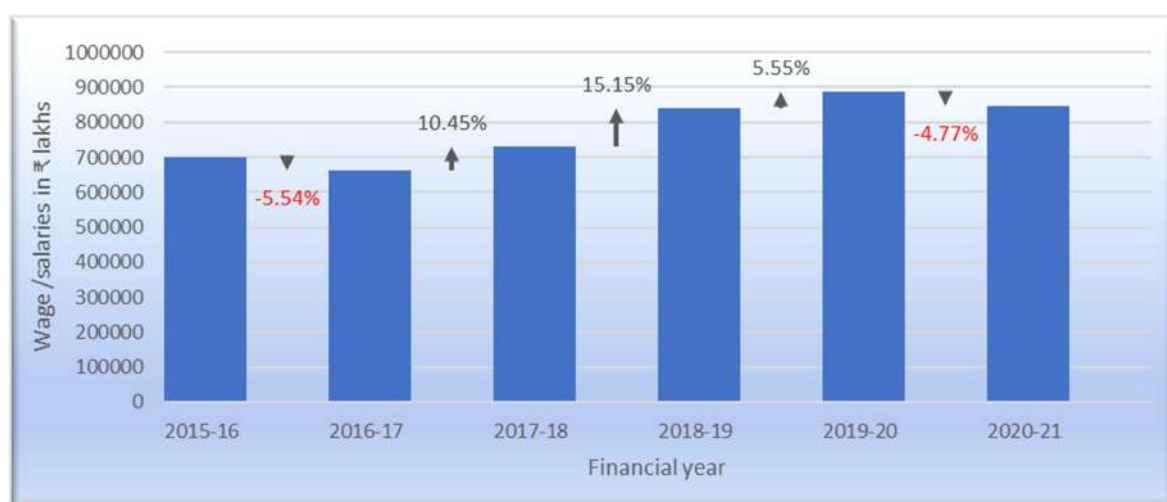


Table 4.15: Wages & Salaries of employees, 2015-16 to 2020-21

Characteristic	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Wages & Salaries (in ₹ lakhs)	700091	661318	730404	841056	887725	845401

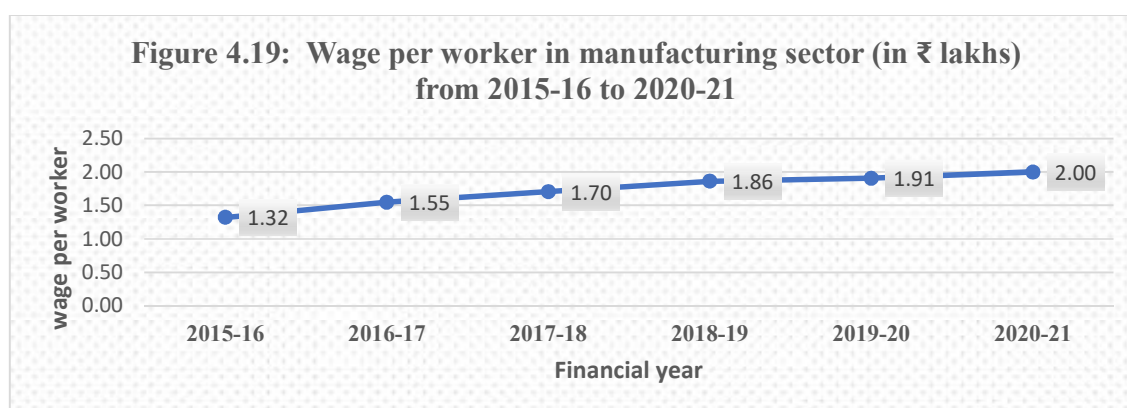
Table 4.16: Growth rate of wages & salaries of employees, Kerala 2016-17 to 2020-21

Wages & Salaries	2016-17 over 2015-16	2017-18 over 2016-17	2018-19 over 2017-18	2019-20 over 2018-19	2020-21 over 2019-20
Employees	-5.54%	10.45%	15.15%	5.55%	-4.77%

Figure 4.18: Wages of workers in manufacturing & percentage growth rate over the previous year from 2015-16 to 2020-21



Even though the wages of all employees consisting of workers, supervisors/managers and other employees together shows a decreasing trend, the wage per worker shows an upward trend. In 2015-16, the annual wage earned by worker was ₹ 1.32 lakhs which increased over the subsequent years and in 2020-21 it was estimated as 2.00 lakhs annually.



4.6. Income and Profit

Income of the manufacturing sector is fluctuating with consecutive ups and downs. The highest income was estimated in 2016-17 with a growth rate of 35.33 %. A steady growth is not witnessed in the case of income. But the net income grew by 2.53 % in 2020-21.

Figure 4.20: Income (in ₹ lakhs) and its growth rate from 2015-16 to 2020-21



Considering the profit of the manufacturing sector, the statistics of ASI surveys, continuous decline in the profit was witnessed from 2017-18 to 2019-20. The highest growth rate was recorded in 2016-17 (104.79 %) and year 2020-21 also witnessed an upward trend at a growth rate of 16.43 % compared to previous year.

Figure 4.21 : Profit (in ₹ lakhs) and growth rate from 2015-16 to 2020-21



Table 4.17: Net income (₹ lakhs) in manufacturing sector from 2015-16 to 2020-21

Characteristic	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Net income (in ₹ lakhs)	1377101	1863677	1799319	1861860	1727064	1770743
Profit (in ₹ lakhs)	509639	1043683	884010	824389	640827	746139

Table 4.18: Growth rate of Net income in manufacturing sector, Kerala 2016-17 to 2020-21

Characteristic	Percentage growth				
	2016-17 over 2015-16	2017-18 over 2016-17	2018-19 over 2017-18	2019-20 over 2018-19	2020-21 over 2019-20
Net income	35.33%	-3.45%	3.48%	-7.24%	2.53%
Profit	104.79%	-15.30%	-6.74%	-22.27%	16.43%

4.7. Impact of Covid-19 pandemic on Organized Manufacturing sector

The unprecedented pandemic, Covid-19 hit the nation in the year 2020 and it put a halt to all the activities and largely disruptive. All sectors, health, manufacturing, employment, service sector etc., were adversely affected by this pandemic. The reference period of the ASI survey coincided with the pandemic period. The following tables represent percentage change in the value of characteristics estimated in 2019-20 and 2020-21.

Table 4.19: Principal characteristics of manufacturing sector during 2020-21 and 2019-20 with percentage of change

Sl. No.	Characteristic	2020-21	2019-20	Percentage change compared to 2019-20
1	No. of Factories	7972	7793	2.30
2	Factories in Operation (Nos)	6957	6953	0.06
3	Fixed Capital (in ₹ lakhs)	5817077	5928546	-1.88
4	Physical Working Capital (in ₹ lakhs)	2215662	2098604	5.58
5	Working Capital (in ₹ lakhs)	1529079	1908718	-19.89
6	Invested Capital (in ₹ lakhs)	8032739	8027150	0.07
7	Gross Value of Additions to Fixed Capital (in ₹ lakhs)	1109172	1228473	-9.71
8	Rent Paid (in ₹ lakhs)	4993	4475	11.58
9	Outstanding Loan (in ₹ lakhs)	1274259	1629117	-21.78
10	Interest Paid (in ₹ lakhs)	190198	235015	-19.07
11	Rent received (in ₹ lakhs)	622	757	-17.83

Sl. No.	Characteristic	2020-21	2019-20	Percentage change compared to 2019-20
12	Interest Received (in ₹ lakhs)	47501	54090	-12.18
13	Gross Value of P&M (in ₹ lakhs)	3261600	3268810	-0.22
14	Value of Products & By-products (in ₹ lakhs)	12888107	20169889	-36.10
15	Other Output (in ₹ lakhs)	1539384	1711973	-10.08
16	Total Output (in ₹ lakhs)	14427491	21881862	-34.07
17	Fuels Consumed (in ₹ lakhs)	659942	849833	-22.34
18	Material Consumed for Manufacturing (in ₹ lakhs)	9708347	16753877	-42.05
19	Other Input (in ₹ lakhs)	1713022	1904409	-10.05
20	Total Input (in ₹ lakhs)	12081298	19508119	-38.07
21	Gross Value Added (in ₹ lakhs)	2346193	2373743	-1.16
22	Depreciation (in ₹ lakhs)	380261	407187	-6.61
23	Net Value Added (in ₹ lakhs)	1965932	1966556	-0.03
24	Net Fixed Capital Formation (in ₹ lakhs)	219372	737411	-70.25
25	Gross Fixed Capital Formation (in ₹ lakhs)	599633	1144598	-47.61
26	Gross Capital Formation (in ₹ lakhs)	1023320	1089844	-6.10
27	Net Income (in ₹ lakhs)	1770743	1727064	2.53
28	Profit (in ₹ lakhs)	746139	640827	16.43

Table 4.20: Employment and Emoluments of the employees engaged in manufacturing sector during 2020-21 and 2019-20 with percentage of change

Sl. No	Characteristic	2020-21	2019-20	Percentage change compared to 2019-20
A	Average no. of Persons Engaged	310958	346449	-10.24
1	Workers	246944	265685	-7.05
1.1	Directly Employed	199533	217347	-8.20
1.1.1	Men	115339	120606	-4.37
1.1.2	Women	84194	96741	-12.97

Sl. No	Characteristic	2020-21	2019-20	Percentage change compared to 2019-20
1.2	Employed through Contractors	47411	48338	-1.92
2	Employees other than Worker	61911	78715	-21.35
2.1	Supervisory & Managerial Staff	29607	37186	-20.38
2.2	Other Employees	32304	41529	-22.21
3	Unpaid Family Members / Proprietor etc.	2103	2046	2.79
B.	Man-days Employed , Total	86266	98196	-12.15
C.	Wages & Salaries , Employer's Contribution	1024577	1086239	-5.68
1.	Wages & Salaries including Bonus (in ₹ lakhs)	884296	932069	-5.13
1.1	Wages & Salaries	845401	887725	-4.77
1.1.1	Workers	493757	506560	-2.53
1.1.2	Supervisory & Managerial Staff	240695	246174	-2.23
1.1.3	Other Employees	110898	134993	-17.85
1.2	Bonus to all Staff	38895	44344	-12.29
2.	Employer's Contribution etc.	140281	154170	-9.01

Table 4.21: Fuel Consumption in manufacturing sector during 2020-21 and 2019-20 with percentage of change

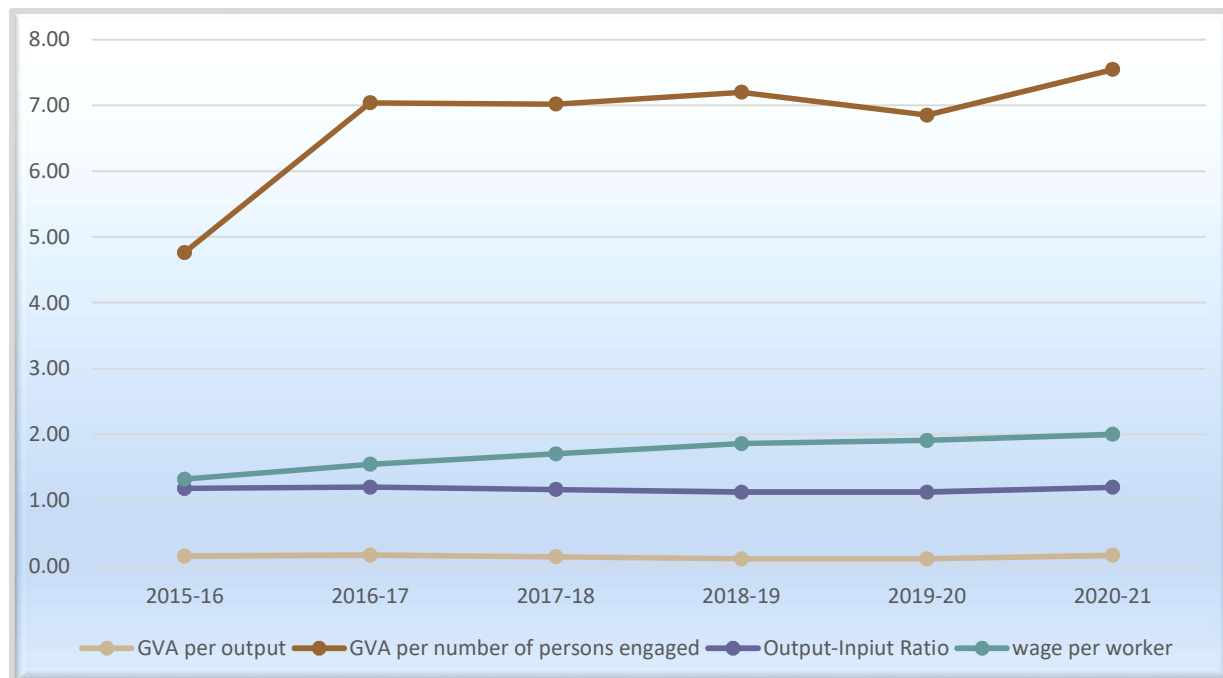
Fuel	2020-21	2019-20	Percentage change compared to 2019-20
Coal Quantity (Tonne)	145	211	-31.28
Coal Consumed (Value)	1149516	1306617	-12.02
Electricity Purchased Quantity(KWH)	2747974	3149485	-12.75
Electricity Purchased (Value)	19222945	22062616	-12.87
Petroleum Products (Value)	26057929	36824547	-29.24
Gas Consumed (Value)	17437961	23203257	-24.85
Other Fuels (Value)	2125436	1584649	34.13

4.8. Trends of some structural ratios

Table 4.22: Structural ratios of the indicators from 2015-16 to 2020-21

Financial Year	GVA per output	GVA per number of persons engaged	Output/ Input Ratio	Wage per worker
2015-16	0.15	4.76	1.18	1.32
2016-17	0.16	7.04	1.20	1.55
2017-18	0.14	7.02	1.16	1.70
2018-19	0.11	7.20	1.12	1.86
2019-20	0.11	6.85	1.12	1.91
2020-21	0.16	7.55	1.19	2.00

Figure 4.22: Trends of structural ratios



Some notable changes in the characteristics of manufacturing sector during the outbreak of pandemic, 2020-21 compared to pre-pandemic year 2019-20

- ❖ Working Capital of industries declined by 19.89 %.
- ❖ Total Output dropped by 34.07 %.
- ❖ Fuel consumed dropped by 22.34 %.
- ❖ Material Consumed for Manufacturing declined by 42.05 %.
- ❖ Total input declined by 38.07%.
- ❖ Even though the input and output declined by a major percentage the Gross Value Added dropped by only 1.16%.
- ❖ Net Fixed Capital Formation declined by 70.25%.
- ❖ Gross Fixed Capital Formation dropped by 47.61 %.
- ❖ Profit increased by 16.43 %.
- ❖ Average no. of Persons Engaged fell by 10.24 %.
- ❖ Directly employed women participation declined by 12.97 %.
- ❖ Man-days employed dropped by 12.15%.
- ❖ Wages & Salaries declined by 4.77 %.
- ❖ Consumption and value of all types of fuels dropped by more than 12 % except other fuels category.



Chapter 5: Structural Ratios & Technical Coefficients

The measures of structural ratios and technical coefficient are used to assess the overall productivity, resource efficiency, productivity of capital, productivity of labor, capital intensity etc. The following are the structural ratios and technical coefficients of the manufacturing sector in the fiscal year 2020-21.

5.1 Structural Ratios

Table 5.1: Structural ratios based on estimated characteristics of the state, 2020-21

Structural Ratio	2020-21
Fixed Capital per factory in operation	836 lakhs
Total no. of persons engaged per factory in operation	45
Number of workers per factory in operation	35
Output per factory in operation	₹ 2074 lakhs
Net Value Added (NVA) per factory in operation	₹ 283 lakhs
Output per person engaged	₹ 46,39,691
Gross Value Added (GVA) per person engaged	754505
Net Value Added (NVA) per person engaged	₹ 6,32,218
Wages per worker	₹ 1,99,947

Table 5.2: Structural Ratios by Districts, 2020-21

District	Fixed Capital per factory in operation (₹ lakhs)	Total number of persons engaged per factory in operation (Number)	Number of workers per factory in operation (Number)	Output per factory in Operation (₹ lakhs)	Net Value Added per factory in operation (₹ lakhs)	Output per person engaged (₹)	Gross Value Added per person engaged (₹)	Net Value Added per person engaged (₹)	Wages per worker (₹)
Kasaragod	43	36	33	171	45	480097	140068	127059	66308
Kannur	125	28	24	359	82	1272113	339243	291116	157346
Wayanad	848	51	40	1664	302	3276308	641505	594856	221628
Kozhikode	243	33	24	827	147	2507247	544199	445094	178887
Malappuram	152	28	20	1204	138	4344734	560833	497802	196425
Palakkad	464	37	29	1541	197	4141176	626615	529306	195949
Thrissur	214	37	30	1192	179	3227868	536431	484666	200225
Ernakulam	3116	61	47	5909	686	9724892	1409647	1128170	272243
Idukki	506	48	32	1819	507	3764818	1142438	1048634	166475
Kottayam	416	43	27	1923	372	4490892	999566	867972	292690
Alappuzha	343	52	44	1575	176	3011881	391523	335903	147725
Pathanamthitta	286	36	29	877	187	2456204	606915	523451	172710
Kollam	189	50	45	919	133	1836379	293135	266406	136620
Thiruvananthapuram	411	56	43	1195	272	2129811	560497	485033	229424
Total	836	45	35	2074	283	4639691	754505	632218	199947

Figure 5.1: District wise pattern of structural ratios

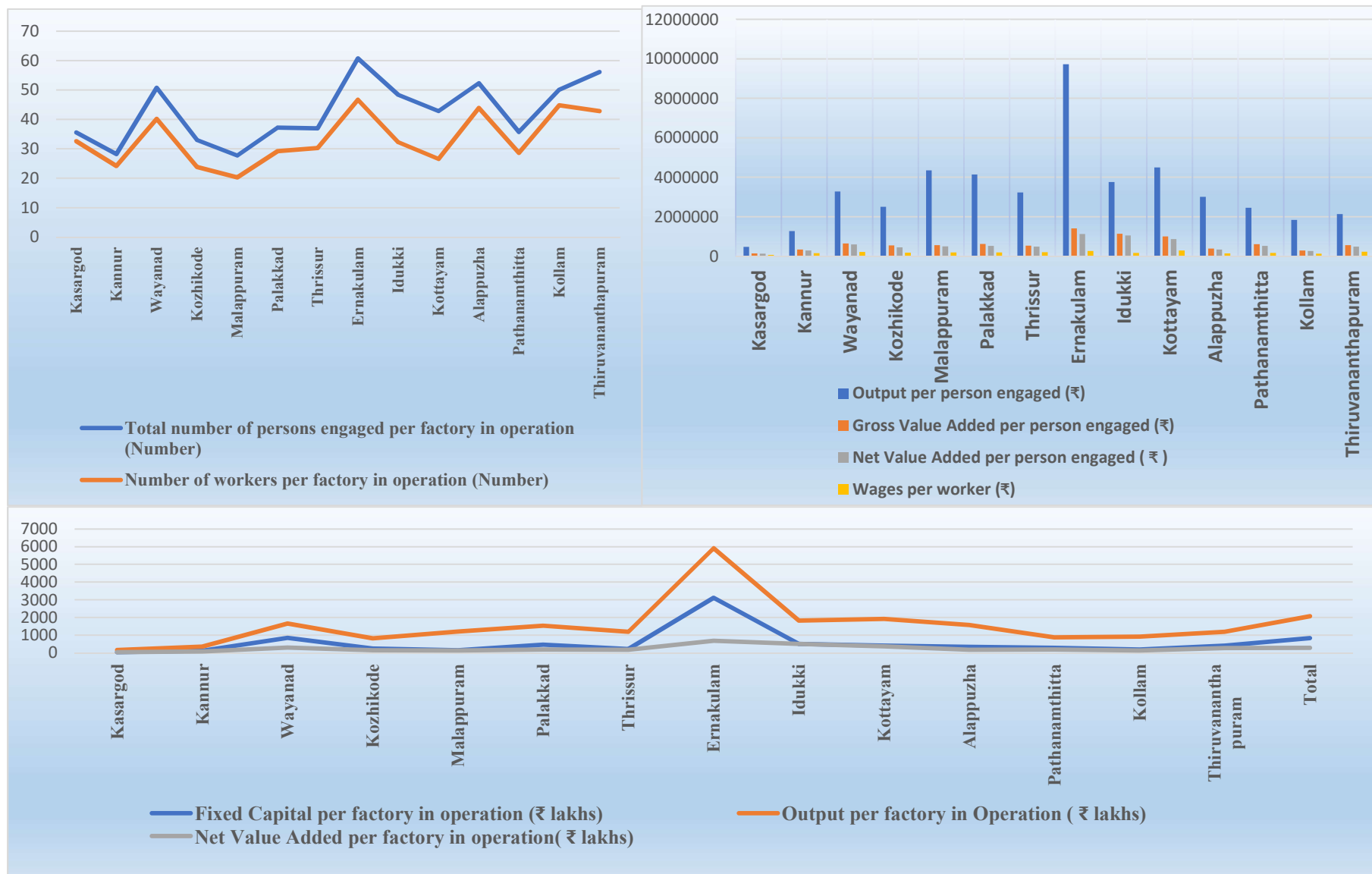


Table 5.3: Structural Ratios by NIC (2008)- 2 digit group of industries, 2020-21

NIC (2008) -2 digit	Description	Fixed Capital per factory in operation (₹ lakhs)	Total persons engaged per factory in operation (Number)	Workers per factory in operation (Number)
10	Manufacture of food products	363	61	51
11	Manufacture of beverages	375	42	34
12	Manufacture of tobacco products	9	37	35
13	Manufacture of textiles	328	52	45
14	Manufacture of wearing apparel	449	141	128
15	Manufacture of leather and related products	125	31	25
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plating materials	76	14	11
17	Manufacture of paper and paper products	67	19	15
18	Printing and reproduction of recorded media	745	43	25
19	Manufacture of coke and refined petroleum products	134213	276	229
20	Manufacture of chemicals and chemical products	1089	81	56
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	379	62	42
22	Manufacture of rubber and plastic products	491	44	34
23	Manufacture of other non-metallic mineral products	319	27	21
24	Manufacture of basic metals	1411	46	34
25	Manufacture of fabricated metal products, except machinery and equipment	203	29	22
26	Manufacture of computer, electronic and optical products	1277	184	136
27	Manufacture of electrical equipment	203	57	42
28	Manufacture of machinery and equipment n.e.c	170	42	31
29	Manufacture of motor vehicles, trailers and semitrailers	115	27	20
30	Manufacture of other transport equipment	7883	322	290
31	Manufacture of furniture	70	21	17
32	Other manufacturing	216	65	45
33	Repair and installation of machinery and equipment	696	32	26
38	Waste collection, treatment and disposal activities; materials recovery	1327	21	7
58	Publishing activities	1453	114	29
	Others	225	32	23
	Total	836	45	35

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NIC (2008) -2 digit	Description	Output per factory in operation (₹ lakhs)	Net Value Added (NVA) per factory in operation (in ₹ lakhs)	Output per person engaged (₹)
10	Manufacture of food products	2216	264	3631765
11	Manufacture of beverages	1462	235	3493149
12	Manufacture of tobacco products	35	26	97091
13	Manufacture of textiles	774	136	1488217
14	Manufacture of wearing apparel	1591	585	1132651
15	Manufacture of leather and related products	887	209	2831491
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	323	39	2356875
17	Manufacture of paper and paper products	274	43	1459021
18	Printing and reproduction of recorded media	1007	373	2339788
19	Manufacture of coke and refined petroleum products	175336	5978	63601277
20	Manufacture of chemicals and chemical products	5957	1857	7376347
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	1198	244	1925564
22	Manufacture of rubber and plastic products	2090	359	4737514
23	Manufacture of other non-metallic mineral products	680	160	2545254
24	Manufacture of basic metals	4345	415	9390474
25	Manufacture of fabricated metal products, except machinery and equipment	1101	106	3760859
26	Manufacture of computer, electronic and optical products	7214	1501	3914216
27	Manufacture of electrical equipment	1531	285	2677216
28	Manufacture of machinery and equipment n.e.c	861	259	2062296
29	Manufacture of motor vehicles, trailers and semitrailers	290	45	1074074
30	Manufacture of other transport equipment	13758	5247	4269818
31	Manufacture of furniture	265	50	1242897
32	Other manufacturing	3784	486	5857378
33	Repair and installation of machinery and equipment	2106	496	6531388
38	Waste collection, treatment and disposal activities; materials recovery	1736	206	8169412
58	Publishing activities	2174	892	1905067
	Others	646	123	2040172
	Total	2074	283	4639691

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NIC (2008) -2 digit	Description	Gross Value Added (GVA) per person engaged (₹)	Net Value Added (NVA) per person engaged (₹)	Wages per worker (₹)
10	Manufacture of food products	484344	432529	145594
11	Manufacture of beverages	642798	562620	165238
12	Manufacture of tobacco products	73220	71943	59708
13	Manufacture of textiles	309279	260599	156276
14	Manufacture of wearing apparel	457778	416650	131285
15	Manufacture of leather and related products	732516	667551	160545
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	343683	282200	117999
17	Manufacture of paper and paper products	271034	230640	149060
18	Printing and reproduction of recorded media	1132200	867815	338345
19	Manufacture of coke and refined petroleum products	4407197	2168369	497778
20	Manufacture of chemicals and chemical products	2422103	2300031	467823
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	445007	392580	214189
22	Manufacture of rubber and plastic products	903654	814617	285546
23	Manufacture of other non-metallic mineral products	752126	597555	223100
24	Manufacture of basic metals	1007708	897131	195539
25	Manufacture of fabricated metal products, except machinery and equipment	470153	362642	199626
26	Manufacture of computer, electronic and optical products	895442	814501	276027
27	Manufacture of electrical equipment	560111	498390	290760
28	Manufacture of machinery and equipment n.e.c	669879	619695	269014
29	Manufacture of motor vehicles, trailers and semitrailers	221652	168091	163602
30	Manufacture of other transport equipment	1705535	1628424	287083
31	Manufacture of furniture	263329	232916	158360
32	Other manufacturing	798798	752108	152707
33	Repair and installation of machinery and equipment	1717282	1537371	350046
38	Waste collection, treatment and disposal activities; materials recovery	1424706	968235	244828
58	Publishing activities	1038476	781257	452656
	Others	449423	388766	175929
	Total	754505	632218	199947

5.2 Technical Coefficients

Table 5.4: Technical Coefficients based on estimated characteristics of the state, 2020-21

Technical Coefficients	2020-21
Fixed Capital to Net Value Added (NVA)	2.96
Fixed Capital to Output	0.40
Net Value Added (NVA) to Output	0.14
Gross Value Added (GVA) to Fixed Capital	0.40
Output to Input	1.19
Profit to Output	0.05
Contract workers to total workers	0.19

Figure 5.2: Technical Coefficients based on estimated characteristics of the state, 2020-21

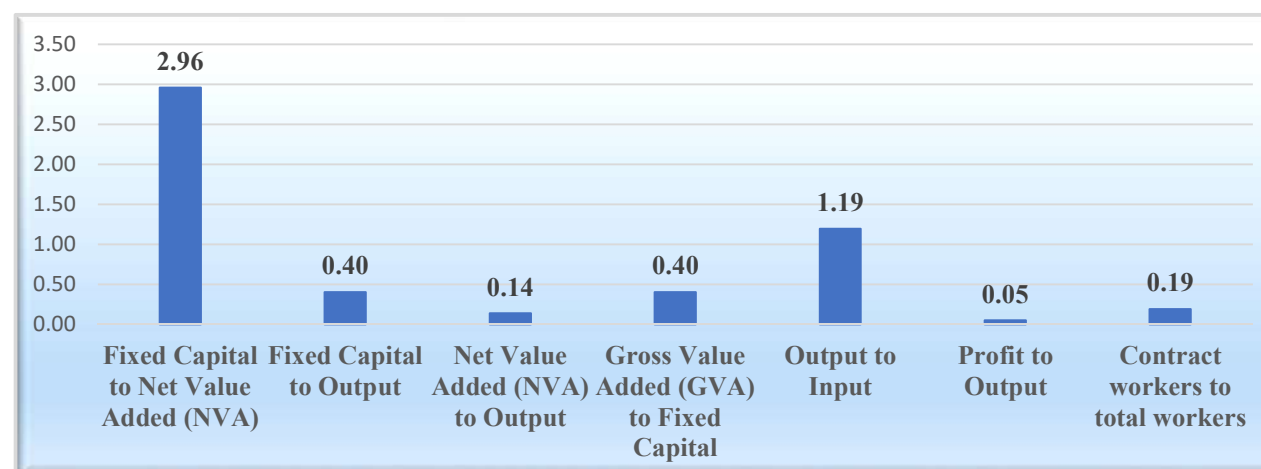


Table 5.5: Technical Coefficients by Districts, 2020-21

District	Fixed Capital to Net Value Added (NVA)	Fixed Capital to Output	Net Value Added (NVA) to Output	Gross Value Added (GVA) to Fixed Capital	Output to Input	Profit to Output	Contract workers to total workers
Kasargod	0.95	0.25	0.26	1.16	1.41	0.05	0.64
Kannur	1.52	0.35	0.23	0.77	1.36	0.03	0.10
Wayanad	2.81	0.51	0.18	0.38	1.24	0.07	0.14
Kozhikode	1.66	0.29	0.18	0.74	1.28	0.04	0.11
Malappuram	1.10	0.13	0.11	1.02	1.15	0.04	0.08
Palakkad	2.35	0.30	0.13	0.50	1.18	0.04	0.32
Thrissur	1.20	0.18	0.15	0.93	1.20	0.05	0.19
Ernakulam	4.54	0.53	0.12	0.27	1.17	0.06	0.30
Idukki	1.00	0.28	0.28	1.09	1.44	0.18	0.02
Kottayam	1.12	0.22	0.19	1.03	1.29	0.08	0.09
Alappuzha	1.96	0.22	0.11	0.60	1.15	0.02	0.13
Pathanamthitta	1.53	0.33	0.21	0.76	1.33	0.08	0.03
Kollam	1.42	0.21	0.15	0.78	1.19	0.01	0.02
Thiruvananthapuram	1.51	0.34	0.23	0.76	1.36	0.02	0.24
Total	2.96	0.40	0.14	0.40	1.19	0.05	0.19

Figure 5.3.: District wise Pattern of Technical Coefficients

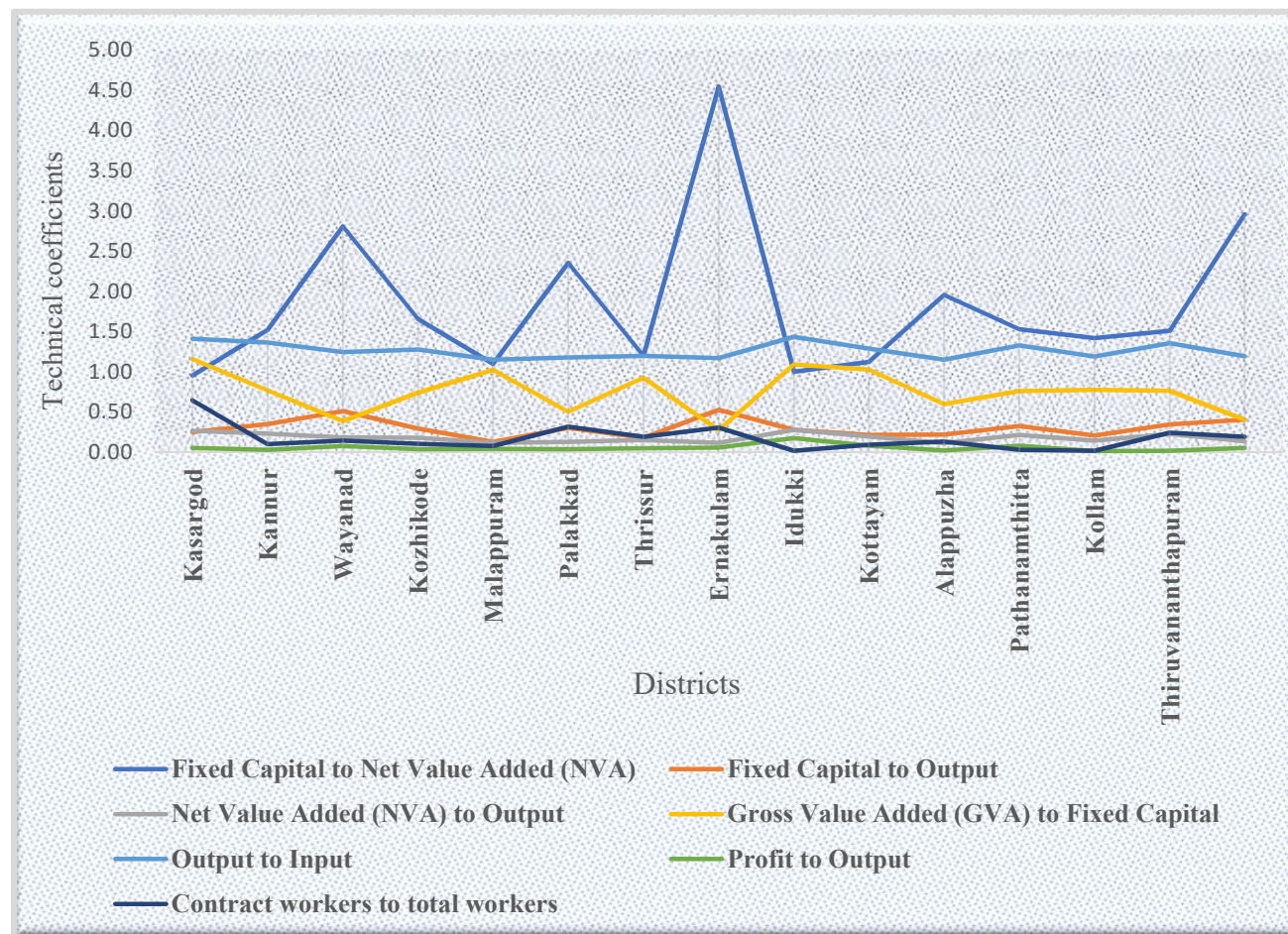


Table 5.6: Technical Coefficients by NIC (2008) -2-digit group of industries, 2020-21

NIC-2 digit	Description	Fixed Capital to NVA	Fixed Capital to Output	NVA to output
10	Manufacture of food products	1.37	0.16	0.12
11	Manufacture of beverages	1.59	0.26	0.16
12	Manufacture of tobacco products	0.33	0.25	0.74
13	Manufacture of textiles	2.42	0.42	0.18
14	Manufacture of wearing apparel	0.77	0.28	0.37
15	Manufacture of leather and related products	0.60	0.14	0.24
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plating materials	1.96	0.23	0.12
17	Manufacture of paper and paper products	1.55	0.24	0.16
18	Printing and reproduction of recorded media	2.00	0.74	0.37
19	Manufacture of coke and refined petroleum products	22.45	0.77	0.03
20	Manufacture of chemicals and chemical products	0.59	0.18	0.31
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	1.55	0.32	0.20
22	Manufacture of rubber and plastic products	1.37	0.23	0.17
23	Manufacture of other non-metallic mineral products	2.00	0.47	0.23
24	Manufacture of basic metals	3.40	0.32	0.10
25	Manufacture of fabricated metal products, except machinery and equipment	1.91	0.18	0.10
26	Manufacture of computer, electronic and optical products	0.85	0.18	0.21
27	Manufacture of electrical equipment	0.71	0.13	0.19
28	Manufacture of machinery and equipment n.e.c	0.66	0.20	0.30
29	Manufacture of motor vehicles, trailers and semitrailers	2.54	0.40	0.16
30	Manufacture of other transport equipment	1.50	0.57	0.38
31	Manufacture of furniture	1.40	0.26	0.19
32	Other manufacturing	0.45	0.06	0.13
33	Repair and installation of machinery and equipment	1.41	0.33	0.24
38	Waste collection, treatment and disposal activities; materials recovery	6.45	0.76	0.12
58	Publishing activities	1.63	0.67	0.41
	Others	1.83	0.35	0.19
	Total	2.96	0.40	0.14

Contd...

NIC-2 digit	Description	GVA to Fixed Capital	Output to input	Contract workers to total workers
10	Manufacture of food products	0.82	1.15	0.10
11	Manufacture of beverages	0.72	1.23	0.45
12	Manufacture of tobacco products	3.07	4.07	0.59
13	Manufacture of textiles	0.49	1.26	0.13
14	Manufacture of wearing apparel	1.43	1.68	0.01
15	Manufacture of leather and related products	1.83	1.35	0.01
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.62	1.17	0.06
17	Manufacture of paper and paper products	0.76	1.23	0.10
18	Printing and reproduction of recorded media	0.65	1.94	0.24
19	Manufacture of coke and refined petroleum products	0.09	1.07	0.75
20	Manufacture of chemicals and chemical products	1.80	1.49	0.24
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.73	1.30	0.13
22	Manufacture of rubber and plastic products	0.81	1.24	0.20
23	Manufacture of other non-metallic mineral products	0.63	1.42	0.24
24	Manufacture of basic metals	0.33	1.12	0.42
25	Manufacture of fabricated metal products, except machinery and equipment	0.68	1.14	0.17
26	Manufacture of computer, electronic and optical products	1.29	1.30	0.42
27	Manufacture of electrical equipment	1.57	1.26	0.12
28	Manufacture of machinery and equipment n.e.c	1.65	1.48	0.11
29	Manufacture of motor vehicles, trailers and semitrailers	0.52	1.26	0.03
30	Manufacture of other transport equipment	0.70	1.67	0.75
31	Manufacture of furniture	0.81	1.27	0.07
32	Other manufacturing	2.38	1.16	0.11
33	Repair and installation of machinery and equipment	0.80	1.36	0.30
38	Waste collection, treatment and disposal activities; materials recovery	0.23	1.21	0.72
58	Publishing activities	0.82	2.20	0.01
	Others	0.63	1.28	0.05
	Total	0.40	1.19	0.19

ANNEXURES

CONCEPTS AND DEFINITIONS

Important concepts and definitions used in ASI are explained below.

1. A number of accounting, economic and other terms related to the factories are used in conduct of Annual Survey of Industries. For proper assessment and interpretation of ASI data, those are given below.

2. **Accounting Year:** For the purpose of ASI, the accounting year is the period on which the factory closes its books of account. With the enactment of Income Tax Act, by and large, the accounting year of all factories is from April to March.

3. **Reference Period:** It corresponds to the financial year. For example, for ASI 2020-2021 the reference period is the financial year commencing from 1st April 2020 and ending on 31st March 2021 or the accounting year of the factory ending on any date between 01.04.2020 to 31.03.2021.

4. **Survey Period:** Survey period is a period during which work of any Annual Survey of Industries is undertaken. The survey period for ASI 2020-2021 is from June 2022 to November 2022.

5. **Factory (as per the Factory Act 1948):** Factory is one, which is registered under Sections 2m(i) and 2m(ii) of the Factories Act, 1948. The Sections 2m(i) and 2m(ii) refer to any premises including the precinct thereof (i) wherein ten or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power, or is ordinarily so carried on, or (ii) wherein twenty or more workers are working, or were working on any day of the preceding twelve months and in any part of which a manufacturing process is being carried on without the aid of power, or is ordinarily so carried on. Closed factories with fixed assets on site are also considered as registered factories till they are de-registered and removed from the live-register maintained by the Chief Inspector of Factories (CIF) in the State.

6. **Manufacturing Process:** This is as per Section 2(k) of the Factories Act, 1948.

'Any process' for:

(i) making, altering, ornamenting, finishing, packing, oiling, washing, cleaning, breaking up, demolishing or otherwise treating or adapting any article or substance with a view to its use, sale, transport, delivery or disposal; or,

(ii) pumping oil, water or sewage; or,

(iii) generating, transforming or transmitting power; or,

(iv) composing types for printing by letter press, lithography, photogravure or other similar process or book binding; or,

(v) constructing, reconstructing, repairing, refitting, finishing or breaking up ships or vessels; or,

(vi) preserving or storing any article in cold storage.

7. **Gross Value of Plant and Machinery:** Gross value of plant and machinery represents the total original (un-depreciated) value of installed plant and machinery as at the end of the

accounting year. It includes the book value of own constructed plant and machinery, if installed, and the approximate value of rented-in plant and machinery as at the time of renting in but excludes the value of rented-out plant and machinery. Total value of all the plant and machinery acquired on hire-purchase basis is also included. Thus, it represents the gross value of plant and machinery engaged in production process.

8. Fixed Capital: Fixed Capital represents the depreciated value of fixed assets owned by the factory as on the closing day of the accounting year. Fixed assets are those, which have normal productive life of more than one year. Fixed capital covers all type of assets, new or used or own constructed, deployed for productions, transportation, living or recreational facilities, hospitals, schools, etc. for factory personnel. It would include land, building, plant and machinery, transport equipment etc. It includes the fixed assets of the head office allocable to the factory and also the full value of assets taken on hire-purchase basis (Whether fully paid or not) excluding interest element. It excludes intangible assets and assets solely used for post-manufacturing activities such as, sale, storage, distribution, etc.

9. Depreciation: Depreciation is consumption of fixed capital by the factory due to wear and tear and obsolescence during the accounting year and is taken as provided by the factory owner, or if not provided by the factory this is estimated on the basis of cost of installation and working life of the fixed assets.

10. Finished Goods: Finished Goods are those, which are manufactured by the factory for sale. Finished goods should conform to a prescribed standard.

11. Physical Working Capital: This is defined to include all physical inventories owned, held or controlled by the factory as on the closing day of the accounting year such as the materials, fuels and lubricants, stores, etc. that enter into products manufactured by the factory itself or supplied by the factory to others for processing. Physical working capital also includes the value of stock of materials, fuels and stores etc. purchased expressly for re-sale, semi-finished goods and goods-in-process on account of others and goods made by the factory which are ready for sale at the end of the accounting year. However, it does not include the stock of the materials, fuels, stores, etc. supplied by others to the factory for processing. Finished goods processed by others from raw materials supplied by the factory and held by them are included and finished goods processed by the factory from raw materials supplied by others, are excluded.

12. Working Capital: Working Capital is the sum total of the physical working capital as already defined above and the cash deposits in hand and at bank, land, the net balance of amounts receivable over amounts payable at the end of the accounting year. Amounts receivable include value of credit items on revenue account, such as sums due to the factory for goods sold, amounts advanced in connection with normal factory work, bills of exchange payable to the factory, payments made in advance such as for fire insurance, telephone charges, rates and taxes, call deposits and security deposits having a normal life of less than one year, etc. It excludes unused overdraft facility, fixed deposits irrespective of duration, advances for acquisition of fixed assets, long-term loans including interest thereon and investment.

13. Invested Capital: Invested capital is the total of fixed capital and physical working capital.

14. Productive Capital: This is the total of fixed capital and working capital.

15. Outstanding Loans: Outstanding loans represent all loans, whether short-term or long-term, whether interest bearing or not, outstanding according to the books of the factory as on the closing day of accounting year.

16. Contract Worker: All persons who are not employed directly by an employer but through the third agency, i.e. contractor, are termed as contract workers. Those workers may be employed with or without the knowledge of the principal employer.

17. Employees: Employees relate to all persons engaged by the factory whether for wages or not, in work connected directly or indirectly with the manufacturing process and include all administrative, technical and clerical staff as also labour in production of capital assets for factory's own use. This is inclusive of persons holding position of supervision or management or engaged in administrative office, store-keeping section and welfare section, watch and ward staff, sales department as also those engaged in the purchase of raw materials etc. and production of fixed assets for the factory. It also includes all working proprietors and their family members who are actively engaged in the work of the factory even without any pay and the unpaid members of the co-operative societies who work in or for the factory in any direct and productive capacity. Persons in the head office connected with the manufacturing activity of the factory are also included in this item.

18. Labour Turnover: Labour turnover measures the extent of change in the working force due to accession and separation during a given period. The term 'accession' was defined as the total number of workers added to employment during the period, whether new or re-employed or transferred from other establishments or units under the same management. Inter-departmental transfers within the same establishment are, however ignored. The term 'separation' implies termination of employment at the instance of worker or employers. It includes termination of services due to death or retirement. As in the case of accession, transfers to other establishments are included but transfers within the same establishment are ignored. Retrenchment as a result of rationalization or modernization or any other cause, is also treated as separation.

19. Wages: Wages are defined to include all remuneration capable of being expressed in monetary terms and also payable/paid more or less regularly in each pay period to workers (defined above) as compensation for work done during the accounting year. It **includes**:

(i) Direct wages and salary (i.e. basic wages/salaries, payment of overtime, dearness, compensatory, house rent and other allowances);

(ii) Remuneration for period not worked (i.e. basic wages), salaries and allowances payable for leave period, paid holidays, lay-off payments and compensation for unemployment (if not paid from source other than employers);

(iii) Bonus and ex-gratia payment paid both at regular and less frequent intervals (i.e., incentive bonuses and good attendance bonuses, production bonuses, profit sharing bonuses, festival or yearend bonuses etc.).

It **excludes** layoff payments and compensation for employment except where such payments are for this purpose, i.e., payments not made by the employer. It **excludes** employer's contribution to old age benefits and other social security charges, direct expenditure on maternity benefits and creches and other group benefit in kind and travelling and other expenditure incurred for business purposes and reimbursed by the employer. The wages are expressed in terms of gross value, i.e., before deductions for fines, damages, taxes, provident fund, employee's state insurance contribution etc. Benefits in kind (perquisites) of individual nature are only **included**.

20. **Bonus:** Profit sharing bonus, festival bonus, year-end bonus, and all other bonuses and ex-gratia payments paid at less frequent intervals are covered by this term.

21. **Workmen and Staff Welfare Expenses:** These include expenditure incurred by the employer on the maternity benefits and crèches and other benefits such as supply of food, beverages, tobacco, clothing and group lodging at concessional rates and educational, cultural and recreational facilities and services and grants to trade unions and cooperative stores meant for employees. All group benefits are included.

22. **Emoluments:** These are defined in the same way as wages but paid to all employees plus imputed value of benefits in kind i.e. the net cost to the employers on those goods and services provided to employees free of charge or at markedly reduced cost which are clearly and primarily of benefit to the employees as consumers. It includes profit sharing, festival and other bonuses and ex-gratia payments paid at less frequent intervals (i.e. other than bonus paid more or less regularly for each period). Benefits in kind include supplies or services rendered such as housing, medical, education and recreation facilities. Personal insurance, income tax, house rent allowance, conveyance etc. for payment by the factory also is included in the emoluments.

23. **Supplements to Emoluments:** These include: (i) employer's contribution to old age benefits, i.e., provident fund, pension, gratuity, etc.; (ii) employer's contribution towards other social security charges such as Employees' State Insurance, compensation for work injuries, occupational diseases, maternity benefits, retrenchment and lay-off benefits etc.; and (iii) group benefits like direct expenditure on maternity, crèches, canteen facilities, educational, cultural and recreational facilities and grant to trade unions, co-operative stores etc. meant for employees.

24. **Compensation of Employees:** Compensation of employees is the total of emoluments and supplement to emoluments.

25. **Mandays Worked:** These are obtained by summing up the number of mandays worked by persons working in each shift over all the shifts on all days, i.e. both manufacturing and non-manufacturing days. This figure excludes persons who are paid but remain on leave, strike, etc.

26. **Mandays Paid For:** The number of mandays paid for is arrived at by summing up the number of employees paid for in each shift. This also includes mandays on weekly schedule holidays if paid for and those absences with pay as also mandays lost through lay off/ strike for which compensation was payable.

27. **Working Day:** Working day means the days on which a manufacturing process and/ or repair or maintenance work was carried on.

28. **Non-working Day:** Apart from manufacturing day and repair and maintenance days there may be some non-working days. Nonworking days are those days on which the workers give their attendance but due to non-availability of raw materials power etc. no effective work is done. As the workers are paid for these days such days are also taken into account for the purpose of labour statistics.

29. **Basic Materials:** Basic materials are the materials which are important and of key nature to the industry, on which the manufacturing process is based, viz. metal for machine, leather for shoe. Such material is not lost through the process of production but only changes its forms.

30. Consumable Stores: All such materials which assist the manufacturing process and lose their identity without entering the products are called consumable stores, e.g., cotton waste.

31. Fuel Consumed: Fuel Consumed represent total purchase value of all items of fuels, lubricants, electricity, water (purchased to make steam) etc. consumed by the factory during the accounting year except those which directly enter into products as materials consumed. It excludes that part of fuels, which is produced and consumed by the factory in manufacture i.e., all intermediate products and also fuels consumed by employees as part of amenities. It includes quantities acquired and consumed from allied concerns, their book value being taken as their purchase value and also the quantities consumed in production of machinery or other capital items for factory's own use.

32. Materials Consumed: Materials consumed represent the total delivered value of all items of raw materials, components, chemicals, packing materials and stores which actually entered into the production process of the factory during the accounting year. It also includes the cost of all the materials used in the production of fixed assets, including construction work for factory's own use. Components and accessories fitted as purchased with the finished product during the accounting year are also to be included. It excludes intermediate products. Intermediate products in the above context mean all those products which are produced by the factory and consumed for further manufacturing process.

33. Total Input: This comprises gross value of fuels, materials etc. consumed (as defined above) and also other inputs viz. (a) cost of non-industrial services received from others, (b) cost of materials consumed for repair and maintenance of factory's fixed assets including cost of work done by others to the factory's fixed assets, (c) cost of contract and commission work done by others on materials supplied by the factory, (d) cost of office supplies and products reported for sale during last year & used for further manufacture during the accounting year and (e) rent paid for buildings and plant & machinery and other fixed assets, (f) expenses on Research & Development (R&D).

34. Intermediate Product: Intermediate Product is a product which is obtained during a manufacturing process, which may or may not be saleable and is not the intended final product.

35. Net Value of Semi-Finished Goods: It represents the excess/deficit of value of semi-finished goods and/or goods-in-process at the end of the accounting year over that at the beginning of year.

36. Products: These are defined to include the ex-factory value (i.e. exclusive of taxes, duties etc. on sale and inclusive of subsidies etc., if any) of all products and by-products, excluding intermediate products, that have been completed during the accounting year for sale whether actually sold during the accounting year or entered into books. Also include fixed assets produced by the factory for its own use.

37. Gross Output: Gross output is defined to include the ex-factory value, (i.e., exclusive of taxes, duties, etc. on sale and inclusive of subsidies etc., if any) of products and by-products manufactured during the accounting year, and the net value of the semi-finished goods, value of own construction and also the receipts for industrial and non-industrial services rendered to others, rent received for building, plant & machinery and other fixed assets, net balance of goods sold in the same condition as purchased, value of electricity generated and sold and an amount equal to

expenses on research & development (R&D). Value of gross output and total output has been used in the text inter-changeably to mean the same thing.

38. Industrial Services: Any services taken or rendered from one to another unit resulting in increase in the value of material during the manufacturing process are industrial services.

39. Non-Industrial Services: All such services which do not have a direct bearing on the manufacturing process but are needed by any manufacturing unit are called non-industrial services, say, transport.

40. Net Value Added: This is the increment to the value of goods and services that is contributed by the factory and is obtained by deducting the value of total inputs and depreciation from gross value of output.

41. Net Income: It is obtained by deducting the value of rent paid & interest paid from the NVA.

42. Net Profit: It is obtained by deducting compensation of employees from net income.

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Government of India
Ministry of Statistics and Programme Implementation
Return under Collection of Statistics Act, 2008 as amended in 2017 and rules framed there under in 2011
Annual Survey of Industries 2020-2021 (Part –I)
(Please read the instructions before filling the return)

Block A: Identification particulars (for official use)									
1. Schedule Despatch (DSL) No.									
2. PSL No.									
3. Scheme code (<i>Census-1, Sample-2</i>)									
4. Industry code as per frame (4-digit level of NIC-2008)									
5. Industry code as per return (5-digit level of NIC-2008)									
6. Description of Industry:									
7. State Code									
8. District Code									
9. Sector (<i>Rural-1, Urban-2</i>)									
10. RO / SRO code									
11. No. of Units									
12. Status of Unit (<i>Code</i>)									

Block B: Particulars of the factory (to be filled by owner of the factory)									
1. Name and address of the Industrial undertaking:					1.1 Vill./Town:				
					1.2 District name:				
					1.3 State name:				
					1.4 PIN Code				
2. Type of organisation (<i>code</i>)									
3. Corporate Identification Number (CIN)									
4. Whether the unit has ISO Certification, 14000 Series (yes-1, no-2)									
5. Year of initial production									
6. Accounting year (..... to.....)									
7. Number of months of operation									
8. Whether the share capital of the company includes share of foreign entities (yes-1, no-2)									
9. Any R&D unit in your factory? (yes & registered with DST/DBT-1, yes & registered with others-2, no-3)									
10. Details of contact person					i) Name & designation:				
					ii) Tele (with STD code)				
					iii) FAX no.				
					iv) E-mail				
11. Whether the unit offered any formal training (yes-1, no-2)									

DECLARATION

I hereby declare that information furnished in this return is correct and complete to the best of my knowledge and belief.

Date :

Place :

(Name and Signature of owner with stamp)

DSL No

--	--	--	--	--	--

PSL No

--	--	--	--	--

Block C: FIXED ASSETS												
Sl. No.	Type of Assets	Gross value (Rs.)					Depreciation (Rs.)				Net value (Rs.)	
		Opening as on ----	Addition during the year		Deduction & adjustment during the year	Closing as on ---- (cols. 3+4+5-6)	Up to year beginning	Provided during the year	Adjustment for sold/ discarded during the year	Up to year end (cols. 8+9-10)	Opening as on ----- (cols. 3-8)	Closing as on ----- (cols. 7-11)
			Due to revaluation	Actual additions								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	Land											
2.	Building											
3.	Plant & Machinery											
4.	Transport equipment											
5.	Computer equipment including software											
6.	Pollution control equipment/ Environment improvement equipment											
7.	Others											
8.	Sub-total (items 2 to 7)											
9.	Capital work in progress											
10.	Total (items 1+8+9)											

DSL No PSL No

Block D: WORKING CAPITAL AND LOANS			
Sl. No.	Items	Opening (Rs.)	Closing (Rs.)
(1)	(2)	(3)	(4)
1.	Raw Materials & Components and Packing materials		
2.	Fuels & Lubricants		
3.	Spares, Stores & others		
4.	Sub-total (items 1 to 3)		
5.	Semi-finished goods/work in progress		
6.	Finished goods		
7.	Total inventory (items 4 to 6)		
8.	Cash in Hand & at Bank		
9.	Sundry Debtors		
10.	Other current assets		
11.	Total current assets (items 7 to 10)		
12.	Sundry Creditors		
13.	Over draft, cash credit, other short term loan from banks & other financial institutions		
14.	Other current liabilities		
15.	Total current liabilities (items 12 to 14)		
16.	Working Capital (item 11-item 15)*		
17.	Outstanding loans (excluding interest but including deposits)**		

Note:

* Give reasons in the footnote for negative values and abnormal verification in opening and closing values.

** If outstanding loans include interest, a footnote may be given

DSL No PSL No

Block E: EMPLOYMENT AND LABOUR COST							
Sl. No.	Category of staff	Man-days worked			Average number of persons worked	No. of mandays paid for	Wages/ salaries (in Rs.)
		Manu- facturing	Non Manufacturing	Total			
1	2	3	4	5	6	7	8
Part A: Details for each category of staff							
1.	Male workers employed directly						
2.	Female workers employed directly						
3.	Sub-total (items 1 + 2)						
4.	Workers employed through contractors						
5.	Total workers (items 3 + 4)						
6.	Supervisory & managerial staff						
7.	Other employees						
8.	Unpaid family members/ proprietor/ coop. members						
9.	Total employees (items 5+6+7+8)						
Part B: Some details for all categories of staff combined							
10.	Bonus (in Rs.)						
11.	Contribution to provident & other funds (in Rs.)						
12.	Workmen & staff welfare expenses (in Rs.)						
13.	Number of working days	(i) Manufacturing days					
		(ii) Non-manufacturing days					
		(iii) Total (i+ ii)					
14.	Total cost of production (in Rs.) [entry in col. 8 of item 9, 10, 11, and 12, block E + entry in col. 3 of item 1, 2(i), 2(ii), 3, 4, 5, 6, 7, 8, 9 & 10, block F + entry in col. 6 of item 23 of block H + entry in col. 6 of item 7, block I]						

DSL No PSL No

Block F : OTHER EXPENSES			
	Sl. No.	Items	Expenditure (in Rs.)
	(1)	(2)	(3)
O T H E R I N P U T	1.	Work done by others on materials supplied by the industrial undertaking	
	2.	Repair & maintenance of	
		(i) Buildings and other construction	
		(ii) Other fixed assets	
	3.	Operating expenses	
	4.	Expenses on raw materials and other components for own construction	
	5.	Insurance charges	
	6.	Rent paid for plant & machinery and other fixed assets	
	7.	Expenses on Research & Development (R&D)	
	8.	Rent paid for buildings	
	9.	Rent paid for land on lease or royalties on mines, quarries and similar assets	
	10.	Interest paid	
	11.	Purchase value of goods sold in the same condition as purchased	
	12.	Inward transportation cost	
	13.	Outward transportation cost	

Block G: OTHER OUTPUT/RECEIPTS			
	Sl. No.	Items	Receipts (in Rs.)
	(1)	(2)	(3)
O T H E R O U T P U T	1.	Receipts from manufacturing services (including work done for others on materials supplied by them and sale value of waste left by the party)	
	2.	Receipts from non-manufacturing services (including non-industrial services)	
	3.	Value of electricity generated and sold	
	4.	Value of own construction	
	5.	Net balance of goods sold in the same condition as purchased. (item 11 of block G <i>minus</i> item 11 of block F)	
	6.	Rent received for plant & machinery and other fixed assets	
	7.	Variation in stock of semi-finished goods (col. 4 <i>minus</i> col. 3 against item 5 in block D)	
	8.	Rent received for buildings	
	9.	Rent received for land on lease or royalties on mines, quarries and similar assets	
	10.	Interest received	
	11.	Sale value of goods sold in the same condition as purchased	
	12.	Other production subsidies	

DSL No PSL No

Block H: Indigenous input items consumed (if needed, additional sheets may be used for recording input items with serial nos. starting from 25)						
Sl. No.	Item description	Item code (NPC-MS)	Unit of quantity	Quantity consumed	Purchase value (in Rs.)	Rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Major ten basic items (indigenous)					
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.	Other basic items (indigenous)*	9920100				
12.	Total basic items (items 1 to 11)	9990100				
13.	Non-basic chemicals – all kinds	9920300				
14.	Packing items	9990800				
15.	Electricity own generated	9990400	KWH			
16.	Electricity purchased & consumed	9990500	KWH			
17.	Petrol, diesel, oil, lubricants consumed	9990600				
18.	Coal consumed	9990700	Tonne			
19.	Gas consumed	9990900	KG			
20.	Other fuel consumed	9920400				
21.	Consumable store	9922000				
22.	Total non-basic items (items 13 to 21)	9992000				
23.	Total inputs (items 12+ 22)	9993000				
24.	Any additional requirement of electricity (unmet demand)	9999999	KWH			
* Full description of items not in NPC-MS 2011 (Revised):						

DSL No PSL No

Block I: Imported input items consumed - directly only (if needed, additional sheets may be used for recording input items with serial nos. starting from 8)						
Sl. No.	Item description (Major five imported items)	Item code (NPC-MS)	Unit of quantity	Quantity consumed	Purchase value (in Rs.)	Rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.						
2.						
3.						
4.						
5.						
6.	Other imported items	9922100				
7.	Total imports (consumed) (items 1 to 6)	9994000				

DSL No PSL No

Block J: Products and by-products manufactured by the unit (if needed, additional sheets may be used for recording output items with serial nos. starting from 14)												
Sl. No.	Products/By-products description (First ten major items as per value - no brand name)	Item code (NPC-MS)	Unit of quantity	Quantity manufactured	Quantity sold	Gross sale value (Rs)	Distributive expenses (Rs.)				Per unit net sale value (Rs. 0.00) (col. 7-[col. 8+col. 9+col.10-col.11]) ÷ col. 6	Ex-factory value of quantity manufactured (Rs.) (col.12× col.5)
							Excise duty	Sales tax/VAT	Others	Subsidy (-)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.	Other products/by-products*	9921100										
12.	Total (items 1 to 11)	9995000										
13.	Share (%) of products/by-products directly exported											

* Full description of items not in NPC-MS 2011 (Revised):

DSL No PSL No

Block K: Information and Communication technology (ICT) usage		
Sl. No.	ICT indicator	yes-1, no-2
1.	Did the factory use computer/s during FY 2020-21?	
2.	Did the factory use the internet during FY 2020-21?	
3.	Did the factory have a website as on the date of survey?	
4.	Did the factory receive orders via the internet during FY 2020-21?	
5.	Did the factory place orders for business purpose via the internet during FY 2020-21?	
6.	Did the factory connect to the internet either by a. Narrowband or b. Fixed broadband or c. Mobile broadband during FY 2020-21?	
7.	Does the factory have a local area network (LAN) as on the date of survey?	

Block L: Energy Conservation (EC) measures		
Sl. No.	EC indicator	yes-1, no-2
Have any measures been taken during last financial year with regard to:		
1.	Electrical saving?	
2.	Coal saving?	
3.	Oil saving?	
4.	Gas saving?	

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Block M: Particulars of field operations					
1.	Name of Superintending Officer		5.	Date of receipt from factory	
2.	Signature of Superintending Officer		6.	Date of verification/compilation	
3.	Name & Designation of Scrutinising Officer		7.	Date(s) of scrutiny	
4.	Signature of Scrutinising Officer		8.	Date of despatch	

Block N: Comments of Superintending Officer/Scrutinising Officer	
<i>Note: Reasons for negative working capital and for any abnormal values or entries (high or low) in respect to important characteristics (Such as GVA, working capital, wage rate, number of workers, distributive expenses, depreciation etc.) should be given invariably. For instance, the reasons for high GVA could be increased demand/production, profit, govt. subsidy; or for low GVA, the reasons could be decreased demand/production, capacity under-utilization, high input cost etc. similarly reasons for any abnormal values of certain important ratios e.g. Ratio of output to input, ratio of depreciation/distributive expenses to output etc should be given.</i> Please refer to detailed instructions also for further guidance.	

Annual Survey of Industries 2020-2021 Part A Report of scrutiny on Part-I of the return						
State (code) _____		Distt. (code) _____		DSL No./PSL No. _____		
Ind. code (5-digit NIC 2008) as per return _____		Scheme Code _____				
Sl. No.	Bl. no.	Item	Unit	Average rate per unit*	If high or low, reasons to be furnished by	
1	H	Input items (Indigenous) Major Ten basic items consumed	X	X	Superintending Officer	Scrutinizing Officer
		1)				
		2)				
		3)				
		4)				
		5)				
		6)				
		7)				
		8)				
		9)				
		10)				
		11) Electricity purchased				
		12) Coal				
2	I	Directly imported items consumed (major five items)				
		1)				
		2)				
		3)				
		4)				
		5)				

*Average value per unit in nearest whole rupee is to be reported.

3. Percentage yield of product from the basic materials consumed (in case the quantity are common or directly convertible in whole number)

4	Item	Current year (2020-21)	Previous year (2019-20)	Reasons for significant variation, if any.
	1) Average salaries/wages per manday worked (Rs.) (E _{5,8} / E _{5,5})			
	2) Total worker (number) (E _{5,6})			
	3) Total employees (number) (E _{9,6})			
	4) Total emoluments (E _{9,8} + E _{10,8} + E _{11,8} + E _{12,8})			
	5) Variation in finished goods (D _{6,4} - D _{6,3})			
	6) Working Capital (D _{16,4})			
	7) Total input (F _{1,3} +F _{2(i),3} +F _{2(iii),3} +F _{3,3} +F _{4,3} +F _{6,3} +F _{7,3} +F _{8,3} +F _{11,3}) (+) (H _{23,6}) (+) (I _{7,6})			
	8) Total output (J _{12,7}) (-) (J _{12,8} +J _{12,9} +J _{12,10} -J _{12,11}) + (D _{6,4} - D _{6,3}) + (G _{1,3} +G _{2,3} +G _{3,3} +G _{4,3} +G _{6,3} +G _{7,3} +G _{8,3} +G _{11,3} +F _{7,3})			
	9) Gross value added (GVA) (Item 8-Item 7 as above)			

	Item	Current year (2020-21)	Previous year (2019-20)	Reasons for significant variation, if any.
	10) Net value added (Item 9 as above) - Depreciation (C _{10,9})			
	11) Net Income (Item 10 as above) (-) (F _{9,3} +F _{10,3})			
	12) Profit (Item 11 as above) (-) (E _{9,8} +E _{10,8} +E _{11,8} +E _{12,8})			
	13) Actual addition to fixed assets (C _{10,5})			
	14) GVA (through Ex-factory Value) (J _{12,13}) (+) (G _{1,3} +G _{2,3} +G _{3,3} +G _{4,3} +G _{6,3} +G _{7,3} +G _{8,3} +G _{11,3} +F _{7,3}) (-) (F _{1,3} +F _{2(i),3} +F _{2(ii),3} +F _{3,3} +F _{4,3} +F _{6,3} +F _{7,3} +F _{8,3} +F _{11,3}) (-) (H _{23,6}) (-) (I _{7,6})			

5. Impose check on the following and give observations against each item

Sl. No.	Check points	Observations (Yes-1/No-2)
1.	Whether codes and identification particulars have been correctly furnished in Block A?	
2.	Whether information for all the items in Block B have been correctly furnished?	
3.	If the working capital in item 16 of Block D is negative whether reasons furnished in the footnote of Block D of the Return and also in Block N along with code?	
4.	Whether the return has been duly signed by owner with stamp?	
5.	If wide variation is noticed between Opening & Closing value of Working Capital, whether reasons furnished in the footnote of Block D and also in Block N along with code?	
6.	Whether special check has been made in case of negative GVA?	
7.	Whether basic entries have been thoroughly rechecked where output/input ratio is less than 0.5?	
8.	Whether ratio of Distributive expenses to gross sales is reasonable? If no, whether the relevant entries have been rechecked particularly where this ratio exceeds 20%?	
9.	If the total Bonus is more than 20% of total wages/salaries whether suitable remarks given in the Return?	
10.	If sale value of goods sold in same condition as purchased (Item-11 of Block G) is less than the purchase value of the same (Item-11 of Block F), whether reasons furnished in the return ?	
11.	Whether Balance Sheet, Profit & Loss Account and Working Sheet are attached with the O/C of the Return?	
12.	Whether, the ex-factory value of output in column-13 of Block J have been calculated correctly for each of the 10 major items of product and by-product and also for item 11?	
13.	Whether the entries in Blocks H & I are reported independently?	

Signature of the Superintending Officer

(
Name of the Superintending Officer

PART-B (To be filled in by Scrutinizing officer)		
Impose check on the following and give observations against each item		
Sl. No.	Check points	Observations (Yes-1/No-2)
1.	Examine the Industry Code with reference to Production/Process and state whether Industry Code is reported in 5 digit NIC 2008 against item 5 of Block A?	
2.	Whether valid new State Code has been entered against item 7 of Block A?	
3.	Whether Schedule Despatch no. has been correctly filled in against item 1 of Block A?	
4.	State whether proper remarks in Block N for all important parameters such as GVA, working capital, wage rate, number of workers, distributive expenses, depreciation etc. are given?	
5.	Whether average salaries/wages per manday worked (worker) has been checked calculated correctly and are within the reasonable limits?	
6.	Whether special check has been made in case of negative GVA?	
7.	Whether basic entries have been rechecked where output/Input ratio is less than 0.5?	
8.	Whether ratio of distributive expenses to gross sales is reasonable? If no, whether the relevant entries have been rechecked particularly where this ratio exceeds 20%?	
9.	If total bonus exceeds 20% of total salaries & wages, whether suitable remarks furnished?	
10.	Whether yield ratio of products from basic materials consumed (in case the units of quantity are common or directly convertible) are correctly calculated and are within prescribed limits?	
11.	Whether data reported in the return have been checked with Balance Sheet and Profit & Loss Account?	

Signature of Scrutinizing officer

 ()
 Name of Scrutinizing officer

Estimation Procedure

1. Notations:

i = subscript for i-th state.

s = subscript for s-th stratum in the i-th state.

m = subscript for sub-sample (m =1, 2, 3, 4) [m=1 and 3 for central and 2 and 4 for state].

k = subscript for k-th sample enterprise under a particular stratum.

E = total number of factories **in the sample sector** in a stratum.

e = number of factories surveyed out of total number of factories **in the sample sector** in a stratum.

x, y = observed value of characteristics x, y under estimation.

$\hat{X}$, $\hat{Y}$ = estimate of population total X, Y for the characteristics x, y.

Under the above symbols,

Y_{ismk} = observed value of the characteristic y for the k-th unit belonging to the m-th sub-sample for the s-th stratum in the i-th state.

(a) Formulae for estimation of aggregates for a state based on central sample:

The central sample consists of two parts: i) **Census Sector** where complete enumeration of units was done and ii) **Sample Sector** where units are selected from two sub-samples (sub-sample numbers being '1' and '3') from each stratum. Please note that the sub-samples '2' and '4' in each stratum are to be surveyed by State governments and those are considered as **State Sample**.

The estimation formula for any characteristic of the unit **in the sample sector** for m-th sub-sample in s-th strata of the i-th state is:

$${}^s\hat{Y}_{ism} = \frac{E_{is}}{e_{ism}} \sum_{k=1}^{e_{ism}} y_{ismk}, \quad m=1,3. \quad (1.1)$$

${}^sY'_{is}$

is the simple average of sub-sample estimates of the s-th stratum in the i-th State, ${}^s\hat{Y}'_{ism}$, m=1,3 i.e.,

$${}^s\hat{Y}'_{is} = \frac{1}{2} \sum_{m=1,3} {}^s\hat{Y}'_{ism}.$$

Thus, the estimator for any characteristic of the unit **in the sample sector** of the ith state is:

$${}^s\hat{Y}'_i = \sum_s {}^s\hat{Y}'_{is} \dots\dots\dots(1.2)$$

Now, if ${}^c\hat{Y}''_i$ be the corresponding estimator for that characteristic of the unit **for the census sector** of the i-th state, then the estimate for the census sector, ${}^c\hat{Y}''_i$, will be simple addition of value of the characteristic y under the domain since the multiplier associated with each unit of the census sector is equal to 1. Thus, the estimate for that characteristic of the unit for ith State **as a whole** based on the central sample is given by:

$${}^{Central}\hat{Y}_i = {}^s\hat{Y}'_i + {}^c\hat{Y}''_i$$

The estimate of the characteristic of the unit for all-India will be:

$$\text{Central } \hat{Y} = \sum_i \text{Central } \hat{Y}_i \quad (3)$$

(b) **Formulae for estimation of aggregates for a state based on state sample:**

As mentioned before the sub-samples '2' and '4' pertain to State Sample. The estimation formula for any characteristics of the unit **in the sample sector of the State sample**¹ for m-th sub-sample of the i-th state is:

$$\text{State } \hat{Y}_{ism}' = \frac{E_{is}}{e_{ism}} \sum_{k=1}^{e_{ism}} y_{ismk}, \quad m=2,4. \quad (4.1)$$

$\text{State } \hat{Y}_{ism}'$ indicates that the estimate of Characteristic Y generated from state sample for mth sub-sample of sth stratum in ith State. Now, the Estimation formula for a characteristic y of the unit **for the sample sector** in s-th stratum of the i-th state **based on state sample** is the simple average of sub-sample estimates of the s-th stratum in the i-th State, $\text{State } \hat{Y}_{ism}'$, m=2,4 i.e., $\text{State } \hat{Y}_{is}' = \frac{1}{2} \sum_{m=2,4} \text{State } \hat{Y}_{ism}'$, where $\text{State } \hat{Y}_{is}'$ is the state sample estimate of the s-th stratum for the sample sector.

Thus, the estimator for any characteristic of the unit **in the sample sector** of the ith state is based on **the state sample** is:

$$\text{State } \hat{Y}_i' = \sum_s \text{State } \hat{Y}_{is}' \dots \dots \dots (4.2)$$

Using ${}^c\hat{Y}_i''$ as the corresponding estimate for that characteristic of the unit **for the census sector** of the i-th state, then the estimate for that characteristic of the unit for the i-th state **as a whole** based on the **state sample** is given by:

$$\text{State } \hat{Y}_i = \text{State } \hat{Y}_i' + {}^c\hat{Y}_i''$$

(c) **Formulae for estimation of aggregates for a state based on pooled sample:**

Estimation formula for any characteristic of the unit **for the sample sector** of the i-th state **based on pooled sample (i.e., central and state combined)** will be as follows:

Let sub-sample estimate of a characteristic Y for m-th sub-sample in s-th stratum in i-th State is ${}^s\hat{Y}_{ism}'$. Then

$${}^s\hat{Y}_{ism}' = \frac{E_{is}}{e_{ism}} \sum_{k=1}^{e_{ism}} y_{ismk}, \quad m=1,2,3,4,\dots \dots \dots (6.1)$$

¹ The State sample comprises of two sub-samples, viz., sub-samples 2 and 4 and census sector is covered in central sample. Hence, the state sample has only the sample sector.

The stratum level estimate for the pooled sample will be the simple average of the sub-sample estimate of Y in that stratum. Mathematically, if $\hat{Y}'_{is}$ be the stratum-level estimate for s-th stratum for i-th State, then ${}^{Pooled}\hat{Y}'_{is} = \frac{1}{4} \sum_{m=1}^4 {}^S\hat{Y}'_{ism}$. In some cases, in a particular stratum one or more sub-samples may be void. Then stratum-level estimate will be generated from the simple average of the non-void sub-samples in that stratum. Thus, general form of stratum-level estimate may be ${}^{Pooled}\hat{Y}'_{is} = \frac{1}{t} \sum_{m=1}^t {}^S\hat{Y}'_{ism}$, where t (≤ 4) is the number of non-void sub-sample available with the stratum s.

Thus, the estimator for any characteristic Y of the unit **the sample sector** of the ith state based on **pooled sample** is:

$${}^{Pooled}\hat{Y}'_i = \sum_s {}^{Pooled}\hat{Y}'_{is} \dots\dots\dots (6.2)$$

Using ${}^C\hat{Y}''_i$ as the corresponding estimate for that characteristic of the unit **for the census sector** of the i-th state, then the estimate for that characteristic of the enterprise for the i-th state **as a whole** based on the pooled sample is given by:

$${}^{Pooled}\hat{Y}_i = {}^{Pooled}\hat{Y}'_i + {}^C\hat{Y}''_i \dots\dots\dots (7)$$

The above equations are given for generating the estimates for the State. However, similar treatment may be given or same equations may be used in generating the estimates at district level.

2. Estimates of Ratios:

Let $\hat{Y}$ and $\hat{X}$ be the overall estimate of the aggregates Y and X for two characteristics y and x, respectively at the State/ UT/ all-India level.

Then the combined ratio estimate ($\hat{R}$) of the ratio ($R = \frac{Y}{X}$) will be obtained as

$$R = \frac{\hat{Y}}{\hat{X}}.$$

3. Estimates of Error for Aggregate $\hat{Y}$: The variance is to be obtained for the sample sector units only. The estimated variances of the estimates at state level will be as follows:

$$V\hat{a}r(\hat{Y}_i) = \sum_s V\hat{a}r(\hat{Y}_{is}) \dots\dots\dots (8)$$

The sampling variance based on central Samples is:

$$V\hat{a}r(\hat{Y}_i) = \sum_s \{(\hat{Y}_{is1} - \hat{Y}_{is3}) / 2\}^2 \dots\dots\dots (9.1)$$

The sampling variance based on state Samples is:

$$\hat{V}ar(\hat{Y}_i) = \sum_s \{(Y_{is2} - Y_{is4}) / 2\}^2 \dots\dots\dots (9.2)$$

In case only one sub-sample is available in a stratum out of two sub-samples 1 and 3 in central sample, the estimate of variance of central sample estimate in that stratum needs to be adjusted. The adjustment may be made by considering all the surveyed units in the non-void sub-sample as SRSWOR samples provided number of surveyed units in the sub-sample is greater than one. Similar treatment may be given in case only one sub-sample is available in a stratum out of two sub-samples 2 and 4 in state sample as well as in a stratum out of four sub-samples in pooled data.

For generating estimates of variance for the pooled sample is:

$$\hat{V}ar(\hat{Y}_i) = \frac{1}{t(t-1)} \sum_s \sum_{m=1}^t (\hat{Y}_{ism} - \hat{Y}_{is})^2, \dots\dots\dots (9.3)$$

where $\hat{Y}_{is} = \frac{1}{t} \sum_{m=1}^t \hat{Y}_{ism}$ and t is the number of non-void sub-samples in s-th stratum. Note that equations (9.1) and (9.2) are special cases of equation (9.3) when t=2.

For all-India, the estimated variances of the estimates of different types will be as follows:

$$\hat{V}ar(\hat{Y}) = \sum_i \hat{V}ar(\hat{Y}_i) \dots\dots\dots (10)$$

4. For ratio $\hat{R}$:

The ratio estimators are biased estimators. Thus, instead of variance, we'll try to estimate Mean Square Error (MSE). The general formula of estimate of MSE of $\hat{R}$ is

$$M\hat{S}E(\hat{R}) = \frac{1}{\hat{X}^2} [\hat{V}(\hat{Y}) - 2\hat{R}Co\hat{v}(\hat{X}, \hat{Y}) + \hat{R}^2\hat{V}(\hat{X})] \dots\dots\dots (11)$$

Now, the MSE of $\hat{R}$ at all-India level based on central sample (i.e. sub-samples 1 and 3) is,

$$M\hat{S}E(\hat{R}) = \frac{1}{2} \times \frac{1}{\text{Central } \hat{X}^2} \sum_s \left[\sum_{m=1,3} (\hat{Y}_{sm} - {}^c\hat{Y}_s)^2 - 2\hat{R} \sum_{m=1,3} (\hat{Y}_{sm} - {}^c\hat{Y}_s)(\hat{X}_{sm} - {}^c\hat{X}_s) + \hat{R}^2 \sum_{m=1,3} (\hat{X}_{sm} - {}^c\hat{X}_s)^2 \right] \dots (11.1)$$

where ${}^c\hat{Y}_s = \frac{1}{2} \sum_{m=1,3} \hat{Y}_{sm}$, ${}^c\hat{X}_s = \frac{1}{2} \sum_{m=1,3} \hat{X}_{sm}$, $\hat{R} = \text{Central } \hat{Y} / \text{Central } \hat{X}$, and $\hat{Y}_{sm}$ and $\hat{X}_{sm}$ are estimates of characteristics x and y based on m-th sub-sample of s-th stratum from the sample sector of central sample, and $\text{Central } \hat{X}$ and $\text{Central } \hat{Y}$ will be obtained using eq. (3) for the characteristics x and y respectively.

For $\hat{R}$ at state level (i.e., for i-th state, say $\hat{R}_i$) based on sub-samples 1 and 3 of central sample,

$$M\hat{S}E(\hat{R}_i) = \frac{1}{2} \times \frac{1}{\text{Central } \hat{X}_i^2} \sum_s \left[\sum_{m=1,3} (\hat{Y}_{ism} - {}^c\hat{Y}_{is})^2 - 2\hat{R}_i \sum_{m=1,3} (\hat{Y}_{ism} - {}^c\hat{Y}_{is})(\hat{X}_{ism} - {}^c\hat{X}_{is}) + \hat{R}_i^2 \sum_{m=1,3} (\hat{X}_{ism} - {}^c\hat{X}_{is})^2 \right] \dots (11.2)$$

where ${}^c\hat{Y}_{is} = \frac{1}{2} \sum_{m=1,3} \hat{Y}_{ism}$, ${}^c\hat{X}_{is} = \frac{1}{2} \sum_{m=1,3} \hat{X}_{ism}$, $\hat{R}_i = \text{Central } \hat{Y}_i / \text{Central } \hat{X}_i$, and $\hat{Y}_{ism}$ and $\hat{X}_{ism}$ are estimates of characteristics x and y based on m-th sub-sample of s-th stratum in i-th State from the sample sector of central sample, and $\text{Central } \hat{X}_i$ and $\text{Central } \hat{Y}_i$ will be obtained using eq. (2) for i-th state for the characteristics x and y respectively.

For $\hat{R}$ at state level (say $\hat{R}_i$) from state sample (i.e. based on sub-samples 2 and 4),

$$M\hat{S}E(\hat{R}_i) = \frac{1}{2} \times \frac{1}{\hat{X}_i^2} \sum_s \left[\sum_{m=2,4} (\hat{Y}_{ism} - {}^s\hat{Y}_{is})^2 - 2 {}^s\hat{R}_i \sum_{m=2,4} (\hat{Y}_{ism} - {}^s\hat{Y}_{is})(\hat{X}_{ism} - {}^s\hat{X}_{is}) + {}^s\hat{R}_i^2 \sum_{m=2,4} (\hat{X}_{ism} - {}^s\hat{X}_{is})^2 \right] \dots (12)$$

where ${}^s\hat{Y}_{is} = \frac{1}{2} \sum_{m=2,4} \hat{Y}_{ism}$, ${}^s\hat{X}_{is} = \frac{1}{2} \sum_{m=2,4} \hat{X}_{ism}$, ${}^s\hat{R}_i = \text{State } \hat{Y}_i / \text{State } \hat{X}_i$; $\hat{Y}_{ism}$ and $\hat{X}_{ism}$ are estimates of characteristics x and y based on m-th sub-sample (sub-sample 2 and 4) of s-th stratum in i-th State from the state sample, and $\text{State } \hat{X}_i$ and $\text{State } \hat{Y}_i$ will be obtained using eq. (5) for i-th state for the characteristics x and y respectively.

For $\hat{R}$ at all-India based on pooled sample (i.e. sub-samples 1, 2, 3 and 4) is,

$$M\hat{S}E(\hat{R}) = \frac{1}{12} \times \frac{1}{\hat{X}^2} \sum_s \left[\sum_{m=1}^4 (\hat{Y}_{sm} - \hat{Y}_s)^2 - 2\hat{R} \sum_{m=1}^4 (\hat{Y}_{sm} - \hat{Y}_s)(\hat{X}_{sm} - \hat{X}_s) + \hat{R}^2 \sum_{m=1}^4 (\hat{X}_{sm} - \hat{X}_s)^2 \right] \dots (13)$$

where $\hat{Y}_{sm}$ and $\hat{X}_{sm}$ are estimates of characteristics x and y based on all sub-samples 1, 2, 3 and 4 of s-th stratum, $\hat{Y}_s = \frac{1}{4} \sum_{m=1}^4 \hat{Y}_{sm}$, $\hat{X}_s = \frac{1}{4} \sum_{m=1}^4 \hat{X}_{sm}$ and $\hat{R} = \hat{Y} / \hat{X}$. Here, $\hat{Y}$, $\hat{X}$ and $\hat{R}$ are pooled all-India estimate of the characteristics Y, X and R (i.e., ratio Y/X) respectively. In case, pooling at any State level is attempted, the corresponding pooled estimate of characteristics y, x and R may be used for that State using eq. (7). In short, formula for MSE ($\hat{R}_i$) based on pooled sample is :

$$M\hat{S}E(\hat{R}_i) = \frac{1}{12} \times \frac{1}{\hat{X}_i^2} \sum_s \left[\sum_{m=1}^4 (\hat{Y}_{ism} - \hat{Y}_{is})^2 - 2\hat{R}_i \sum_{m=1}^4 (\hat{Y}_{ism} - \hat{Y}_{is})(\hat{X}_{ism} - \hat{X}_{is}) + \hat{R}_i^2 \sum_{m=1}^4 (\hat{X}_{ism} - \hat{X}_{is})^2 \right] \dots (13.1)$$

where $\hat{Y}_{ism}$ and $\hat{X}_{ism}$ are estimates of characteristics x and y based on all sub-samples 1, 2, 3 and 4 of s-th stratum for the i-th state, $\hat{Y}_{is} = \frac{1}{4} \sum_{m=1}^4 \hat{Y}_{ism}$, $\hat{X}_{is} = \frac{1}{4} \sum_{m=1}^4 \hat{X}_{ism}$ and $\hat{R}_i = \text{Pooled } \hat{Y}_i / \text{Pooled } \hat{X}_i$.

Please note that, in case one or more sub-sample is void in a stratum, the estimate MSE of $\hat{R}$ will be estimated using the equations (13) based on only non-void sub-samples.

5. Estimates of RSE:

$$R\hat{S}E(\hat{Y}) = \frac{\sqrt{\text{Var}(\hat{Y})}}{\hat{Y}} \times 100 \dots (14)$$

$$R\hat{S}E(\hat{R}) = \frac{\sqrt{M\hat{S}E(\hat{R})}}{\hat{R}} \times 100 \dots (15)$$

6. Multipliers for enterprises:

The formulae for multipliers for a stratum are given below:

formula for sub-sample wise multiplier	formula for combined sample multiplier
$\frac{E_{is}}{e_{ism}}$, m = 1, 2, 3 or 4.	$\frac{E_{is}}{e_{is}}$, $e_{is} = \sum_{m=1}^4 e_{ism}$

7. Treatment for surveyed cases and casualty cases:

7.1 *Casualty cases:* The casualty case may occur in cases where the unit is existing but non-response due to closure and owner/occupier is not traceable (code 5), non-response due to production not yet started or accounting year not closed during the year (code 7) or non-response due to other reasons [incl. relevant records are with court/Income tax or recalcitrant/refuse to submit the return department, etc, or factory under prosecution in respect of earlier ASI] (code 8). Thus, the units with survey codes 5, 7 and 8 as per Item 12, Block A are treated as casualties.

7.2 *Imputation of data from past survey for casualty units:* In case any units in the census sector becomes casualty, information in respect of all the characteristics may be borrowed from the previous year, if available, for the census sector units belonging to that post-survey stratum of 'State × District × Sector × 3-Digit of NIC'. This is also followed in case of units pertaining to sample sector which are casualty but information on various characteristics for previous year of those units is available. All such units, for which previous year's information is available, are treated as if 'open' and status code '1' is given against these units.

7.3 While counting the number of units surveyed (e_{ism}) in the m-th sub-sample of a stratum, all the units with survey codes 1 to 4 in Item 12, Block A will be considered excluding the casualty cases (i.e., those casualty cases where even previous year's information is not available).

8. Treatment in cases of void strata

8.1 A stratum may be void because of the casualty of all the units belonging to the stratum. This may occur in one sub-sample or more sub-samples. If it happens to only one sub-sample, then estimate for the stratum with one void sub-sample may be based on a single available sub-sample. Since the estimate of the sample sector within a stratum is the simple average of the two sub-samples (assuming samples are selected in the form of two sub-samples), by considering only one sub-sample, the stratum level estimate will be same as the single available sub-sample estimate. This situation where at least one sub-samples is available, we will not treat this stratum as 'void'. The situation where none of the sub-sample is available in a stratum, we will treat that stratum as 'void'. However, the various cases of void sub-samples are discussed below:

8.2 When a stratum is void i.e., none of the sub-samples 1 and 3 is available, then in order to generate estimate pertaining to sample sector based on central sample, the 'void' stratum may be merged with the nearest stratum looking into the description of the 3-digit NIC activity within the district, or else it could be merged with the 3-digit NIC activity 'others' within that 3-digit NIC Group in the district of the respective State. This will ensure the generation of district level estimates within a State.

8.3 The treatment will be similar if the stratum is void in both the sub-samples 2 and 4 to generate estimates from the state sample. In this case merging of stratum may be required in generating state sample estimates. If only one sub-sample (out of sub-sample 2 and 4) is void, then estimate for that stratum may be generated on the basis of single sub-sample as is mentioned in earlier paragraph 8.1. It may be possible that in a particular stratum, sub-samples 1 and 3 are void but sub-samples 2 and 4 are not void or conversely sub-samples 1 and 3 are not void but sub-samples 2 and 4 are void. In the later case merging of stratum is required in generating state sample estimate while merging is not required in generating estimates from central sample. In such cases for generating pooled estimate, merging is also not required. The stratum merging in generating pooled estimate is required only when all the four sub-samples in a stratum are void. The same merging principle, which is mentioned in earlier paragraph 8.2, is to be followed in such cases.

THE COLLECTION OF STATISTICS ACT, 2008

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THE COLLECTION OF STATISTICS ACT, 2008

ACT No. 7 OF 2009

[7th January, 2009.]

An Act to facilitate the collection of statistics on economic, demographic, social, scientific and environmental aspects, and for matters connected therewith or incidental thereto.

BE it enacted by Parliament in the Fifty-ninth Year of the Republic of India as follows:—

CHAPTER I

PRELIMINARY

1. Short title, extent and commencement.—(1) This Act may be called the Collection of Statistics Act, 2008.

(2) It extends to the whole of India except the State of Jammu and Kashmir.

(3) It shall come into force on such date¹ as the Central Government may, by notification in the Official Gazette, appoint.

2. Definitions.—In this Act, unless the context otherwise requires,—

(a) "agency" includes a person or persons engaged by the appropriate Government, directly or by outsourcing, for collection of statistics;

(b) "appropriate Government" means—

(i) any Ministry or Department in the Central Government; or

(ii) any Ministry or Department in a State Government or Union territory Administration; or

(iii) any local government that is to say, Panchayats or Municipalities, as the case may be,

in relation to the collection of statistics under a direction issued by it under section 3;

(c) "informant" means any person, who supplies or is required to supply statistical information and includes a owner or occupier or person in-charge or his authorised representative in respect of persons or a firm registered under the Indian Partnership Act, 1932 (9 of 1932) or a co-operative society registered under any Co-operative Societies Act or a company registered under the Companies Act, 1956 (1 of 1956) or a society registered under the Societies Registration Act, 1860 (21 of 1860) or any association recognised or registered under any law for the time being in force;

(d) "information schedule" means any book, document, form, card, tape, disc or any storage media on which information required is entered or recorded or is required to be entered or recorded for statistical purposes under this Act;

(e) "prescribed" means prescribed by rules made under this Act;

(f) "sampling" means a statistical procedure by which information relating to a particular field of inquiry is derived by applying statistical techniques to information obtained in respect of a proportion of the total number of persons or units concerned relevant to the field of inquiry;

(g) "statistical survey" means a census or a survey, whereby information is collected from all the informants in the field of inquiry or from a sample thereof, by an appropriate Government under this Act or any other relevant Act, wholly or primarily for the purposes of processing and summarising by appropriate statistical procedures;

(h) "statistics" means statistics derived by collecting, classifying and using statistics, specially in or for large quantities or numbers by appropriate Government from statistical surveys, administrative and registration records, and other forms and papers, the statistical analysis of which are, whether in a published or unpublished form;

1. 11th June, 2010, *vide* notification No. S.O. 1416(E), dated 9th June, 2010, *see* Gazette of India, Extraordinary, Part II, sec. 3(ii).

(i) "statistics officer" means any officer appointed under section 4 for the purposes of any direction issued under section 3 of this Act.

CHAPTER II

COLLECTION OF STATISTICS

3. Collection of statistics.—The appropriate Government may, by notification in the Official Gazette, direct that the statistics on economic, demographic, social, scientific and environmental aspects shall be collected through a statistical survey or otherwise, and thereupon the provisions of this Act shall apply in relation to those statistics:

Provided that—

(a) nothing contained in this section shall be deemed to authorise a State Government or Union territory Administration or any local government to issue any direction with respect to the collection of statistics relating to any matter falling under any of the entries specified in List I (Union List) in the Seventh Schedule to the Constitution; or

(b) where the Central Government has issued any direction under this section for the collection of statistics relating to any matter, no State Government or Union territory Administration or any local government shall, except with the previous approval of the Central Government, issue any similar direction for so long as the collection of such statistics by the Central Government remain to be completed; or

(c) where a State Government or Union territory Administration or any local government has issued a direction under this section for the collection of statistics relating to any matter, the Central Government shall not issue any similar direction for so long as the collection of such statistics by the State Government remain to be completed, except in cases where such statistics have to be collected with reference to two or more States or Union territories.

4. Powers of appropriate Government to appoint statistics officer, etc.—(1) The appropriate Government may appoint or cause to appoint an officer to be the statistics officer for any geographical unit for the purpose of collecting any statistics directed by it.

(2) The appropriate Government may appoint any agency or persons working in such agencies to take, or aid in, or supervise the collection of the statistics within any specified geographical unit and such agencies or persons, when so appointed, shall be bound to serve accordingly.

(3) The appropriate Government may employ on contract basis any agency or company or organisation or association or person, on such terms and conditions and on such safeguards as may be prescribed, for the purpose of collecting the statistics directed by it.

(4) The appropriate Government may delegate to any statistics officer, as it thinks fit, the power of appointing agencies or persons working in such agencies or employing on contract basis any agency or company or organisation or association of persons, conferred on it by sub-sections (2) and (3) within the geographical unit for which such statistics officer is appointed.

(5) The appropriate Government may, by order specify the form, the particulars required or the interval within which, and the statistics officer to whom, the statistical information by the informants shall be furnished.

(6) The appropriate Government may, by order published in the Official Gazette, delegate to any statistics officer, as it thinks fit, any power conferred under sub-section (5) for the purpose of the collection of statistics under a direction issued by it under section 3.

5. Power of statistics officer to call for information.—The statistics officer may, for the purpose of collection of statistics on any specified subject in any geographical unit for which the said officer was appointed—

(a) serve or cause to be served on any informant a notice in writing asking him to furnish the information specified under sub-section (5) of section 4 or cause a information schedule to be given to any informant for the purpose of its being filled up; or

(b) cause all questions relating to the subject to be asked from any informant; or

(c) seek information through tele fax or telephone or e-mail or in any other electronic mode or in a combination of different modes for different sets of information so specified.

6. Duty of informants.—The informants who are asked to furnish any information under the provisions of this Act shall be bound to furnish the information so asked in the prescribed manner to the best of knowledge or belief; and in cases where only a portion of a particular class or group of persons or units is asked to furnish information because of any sampling procedure, it shall not be a defence in failure on the part of any informant to furnish that information, if so asked.

7. All agencies to assist.—Every agency shall render such help and assistance and furnish such information to the statistics officer or a person or an agency authorised by him in writing, as he may require for the discharge of his functions, and shall make available for inspection and examination of such records, plans and other documents, as may be necessary.

8. Right of access to records or documents.—The statistics officer or any person authorised by him in writing in this behalf shall, for the purposes of collection of any statistics under this Act, have access to any relevant record or document in the possession of any informant required to furnish any information under this Act, and may enter at any reasonable time any premises where he believes such record or document is kept and may inspect or take copies of relevant records or documents or ask any question necessary for obtaining any information required to be furnished under this Act.

CHAPTER III

DISCLOSURE OF INFORMATION IN CERTAIN CASES AND RESTRICTIONS OF THEIR USE

9. Security of information.—(1) Any information furnished to the statistics officer or to any person or agencies authorised under this Act shall only be used for statistical purposes.

(2) No person other than a person engaged in the work of collection of statistics under this Act or preparation of statistics resultant to such collection shall be permitted to see any information schedule or any answer to a question asked, except for the purposes of a prosecution under this Act.

(3) No information contained in any information schedule and no answer to any question asked shall, except for the purposes of a prosecution under this Act, be separately published, or disclosed without suppressing the identification of informants to any agency.

(4) All statistical information published by any agency shall be arranged in such a manner so as to prevent any particulars becoming identifiable by any person (other than the informant by whom those particulars were supplied) as the particulars relating to the informant who supplied it, even through the process of elimination, unless—

(a) that informant has consented to their publication in that manner; or

(b) their publication in that manner could not reasonably have been foreseen by the concerned agency or any employee thereof.

(5) For the purposes of sub-section (4), the Central Government may make such rules or make such arrangement, as it may consider necessary.

10. Appropriate Government authorised to disclose certain information.—Notwithstanding the provisions contained in section 9 of this Act, the appropriate Government may disclose the following information, namely:—

(a) information supplied by informant in respect of which disclosure is consented to in writing by the informant or by any person authorised by the said informant;

(b) information otherwise available to the public under any Act or as a public document;

(c) information in the form of an index or list of the names and addresses of informants together with the classification, if any, allotted to them and the number of persons engaged.

11. Disclosure of information schedules for *bona fide* research or statistical purposes.—(1) Notwithstanding the provisions contained in section 9 of this Act, the appropriate Government may

disclose individual returns or formats or information schedules to other agency or person or institutions or universities solely for *bona fide* research or statistical purposes pursuant to their functions and duties.

(2) No individual return or information schedule shall be disclosed pursuant to this section unless—

(a) the name and address of the informant by whom the schedule or related information was supplied is deleted;

(b) every agency or person or institutions or Universities involved in the research or statistical project makes a declaration to use the schedules disclosed to them only for *bona fide* research or statistical purposes; and

(c) the appropriate Government, making such disclosure is satisfied that the security of the schedules and any information contained therein shall not be impaired.

(3) The published results of any research or statistical project shall not divulge any more information than what the agency authorised for collection of statistics could publish under this Act.

(4) Every agency or person or institutions or universities to whom any individual return or information schedule is disclosed under this section shall comply with directions given by the agency authorised for collection of statistics making the disclosure relating to the schedules and any information contained therein.

12. Disclosure of historical documents.—Notwithstanding anything contained in section 9 of this Act, the appropriate Government may release such documents relating to information schedules, which in its opinion have attained historical importance.

13. Security of recorded information.—The statistics officer or any person or agency authorised for collection of statistics shall, while copying or recording any statistical information collected pursuant to this Act from individual returns, information schedules, worksheets or any other confidential source by means of cards, tapes, discs, film or any other method, whether using encoded or plain language symbols for processing, storage or reproduction of particulars, take and cause to take such steps as are necessary to ensure that the security provisions of this Act are complied with.

14. Restrictions on use of information.—Save as otherwise provided under this Act,—

(a) no information obtained pursuant to this Act and no copy of the information in the possession of any informant shall be disclosed or used as evidence in any proceedings whatsoever; and

(b) no person who has access to any information because of his official position in the collection of any statistics shall be compelled in any proceedings whatsoever to give oral testimony regarding the information or to produce any schedule, document, or record with respect to any information obtained in the course of administering this Act,

except in the manner provided under this Act.

CHAPTER IV

OFFENCES AND PENALTIES

15. Penalty for neglect or refusal to supply particulars.—(1) Whoever, fails to produce any books of accounts, vouchers, documents or other business records or whoever neglects or refuses to fill in and supply the particulars required in any information schedule or return given or sent to him or whoever neglects or refuses to answer any question or inquiry addressed to him as may be required under or for the purposes of any provision of this Act and the rules made thereunder, shall be punishable with a fine which may extend to one thousand rupees or, in the case of a company, with a fine which may extend to five thousand rupees.

(2) The conviction of a person or company for an offence shall not relieve him or it of the obligations under sub-section (1) and if after the expiry of fourteen days from the date of conviction, he or it still fails to give the required particulars or continues to neglect or refuses to fill in and supply the particulars or to answer the question or inquiry, then he or it shall be punishable with a further fine

which may extend to one thousand rupees or, in the case of a company, with a fine which may extend to five thousand rupees, for each day after the first during which the failure continues.

16. Penalty for making false statement.—Whoever, wilfully makes any false or misleading statement or material omission in any information schedule or return filled in or supplied, or in answer to any question asked to him under this Act or the rules made thereunder, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to one thousand rupees or, in the case of a company, with a fine which may extend to five thousand rupees or with both.

17. Penalty for mutilation or defacement of information schedule.—Whoever, destroys, defaces, removes, or mutilates any information schedule, form, or other document containing particulars collected under this Act or requesting any such particulars, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company with a fine which may extend to ten thousand rupees or with both.

18. Penalty for obstruction of employees.—Whoever, interferes with, hinders, or obstructs any employee in the exercise of any power or duty conferred by this Act, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company with a fine which may extend to ten thousand rupees or with both.

19. Penalty for other offences.—Whoever—

(a) acts in contravention of or fails to comply with any provision of this Act or any requirement imposed under this Act; or

(b) wilfully deceives or attempts to deceive any statistics officer or any agency or any employee thereof,

shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company, with a fine which may extend to ten thousand rupees or with both.

20. Penalty for failure to carry out duties and functions by employees.—If any person employed in the execution of any duty or functions under this Act,—

(a) omits without lawful excuse to carry out his duty, or knowingly makes any false declaration, statement or return; or

(b) pretends performance of his duties or obtains or seeks to obtain information which he is not authorised to obtain; or

(c) fails to keep inviolate the secrecy of the information gathered or entered in the information schedules collected pursuant to this Act and, except as permitted under this Act, divulges the contents of any schedule filled in or any information furnished by any informant under this Act,

shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company, with a fine which may extend to ten thousand rupees or with both.

21. Penalty for impersonation of employee.—Whoever, not being authorised to collect statistics under the provisions of this Act, by words, conduct or demeanor pretends that he is authorised to do so, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company, with a fine which may extend to ten thousand rupees or with both.

22. General penalty.—Whoever, commits an offence under this Act for which no penalty is prescribed elsewhere than in this section, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company, with a fine which may extend to ten thousand rupees or with both.

23. Offences by companies.—(1) Where an offence under this Act has been committed by a company, every person who at the time the offence was committed was in charge of, and was responsible to, the company for the conduct of the business of the company, as well as the company, shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly:

Provided that nothing contained in this sub-section shall render any such person liable to any punishment provided in this Act, if he proves that the offence was committed without his knowledge or that he had exercised all due diligence to prevent the commission of such offence.

(2) Notwithstanding anything contained in sub-section (1), where an offence under this Act has been committed by a company and it is proved that the offence has been committed with the consent or connivance of, or is attributable to, any neglect on the part of any director, manager, secretary or other officer of the company, such director, manager, secretary or other officer shall also be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly.

Explanation.—For the purpose of this section—

(a) "company" means any body corporate and includes a firm or other association of individuals; and

(b) "Director", in relation to a firm, means a partner in the firm.

24. Cognizance of offences.—No court shall take cognizance of any offence under this Act except on a complaint made by the appropriate Government or an officer authorised in this behalf by such appropriate Government or, as the case may be, the statistics officer, and no court inferior to that of a Metropolitan Magistrate or a Judicial Magistrate of the first class shall try any offence punishable under this Act.

25. Sanction for prosecution for offence.—No prosecution for an offence committed by any informant shall be instituted except by or with the sanction of the statistics officer, and no prosecution for an offence committed by persons other than informants shall be instituted except by or with the consent of the appropriate Government.

26. Power of court to try cases summarily.—Notwithstanding anything contained in the Code of Criminal Procedure, 1973 (2 of 1974), all offences under this Act shall be tried in a summary way by a Judicial Magistrate of the first class or by a Metropolitan Magistrate and the provisions of sections 262 to 265 (both inclusive) of the said Code shall, as far as may be, apply to such trial:

Provided that when in the course of, a summary trial under this section it appears to the Magistrate that the nature of the case is such that it is, for any reason, undesirable to try the case summarily, the Magistrate shall after hearing the parties, record an order to that effect and thereafter recall any witness who may have been examined and proceed to hear or rehear the case in the manner provided by the said Code.

CHAPTER V

POWER IN RESPECT OF CORE STATISTICS

27. Power in respect of core statistics.—Without prejudice to the provisions contained in this Act, the Central Government may, by notification in the Official Gazette, declare from time to time any subject for the collection of statistics of national importance as 'core statistics' and make such arrangement, as it may consider necessary, for regulating the collection and dissemination of statistics on the subject so declared.

CHAPTER VI

MISCELLANEOUS

28. Power to give directions.—The Central Government may give directions to any State Government or Union territory Administration or to any local government that is to say Panchayats or

Municipalities, as to the carrying into execution of this Act in the State or Union territory or Panchayats or Municipalities, as the case may be.

29. Public servants.—Any statistics officer and any person authorised for the collection of statistics or preparation of official statistics under the provisions of this Act shall be deemed to be a public servant within the meaning of section 21 of the Indian Penal Code, 1860 (45 of 1860).

30. Bar of jurisdiction.—No civil court shall have jurisdiction to entertain any suit or proceeding in respect of any matter which the appropriate Government or the statistics officer or the agency is empowered by or under this Act to determine, and no injunction shall be granted by any court or other authority in respect of any action taken or to be taken in pursuance of any power conferred by or under this Act.

31. Protection of action taken in good faith.—No suit or other legal proceedings shall lie against the appropriate Government or agency or any statistics officer or other officers or employees in respect of anything which is in good faith done or intended to be done in pursuance of this Act or the rules or directions issued thereunder.

32. Overriding effect.—The provisions of this Act shall have effect notwithstanding anything inconsistent therewith contained in any other law for the time being in force except in relation to the conduct of human population census as per the directions, if any, issued under the Census Act, 1948 (37 of 1948).

33. Power to make rules.—(1) The Central Government may, by notification in the Official Gazette, make rules for carrying out the provisions of this Act.

(2) In particular, and without prejudice to the generality of the foregoing power, the Central Government may make rules under this section for all or any of the following matters, namely:—

(a) principles for coordinating as effectively as possible to achieve the objectives of section 3 including nomination and registration of statistics officers by the Central Government and also to avoid unnecessary duplication in the collection of statistics;

(b) the terms, conditions and safeguards under which any person or agency or company or organisation or association may be engaged by the appropriate Government for the purpose of collection of statistics under sub-section (3) of section 4;

(c) principles for prescribing the form and manner in which the information may be required to be furnished;

(d) principles for prescribing the manner in which the right of access to documents and the right of entry conferred by section 8 may be exercised; and

(e) any other matter which is to be or may be prescribed under this Act.

(3) Every rule made by the Central Government under this Act shall be laid, as soon as may be after it is made, before each House of Parliament, while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or both Houses agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be; so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

34. Repeal and savings.—(1) The Collection of Statistics Act, 1953 (32 of 1953) is hereby repealed.

(2) Notwithstanding such repeal, anything done or any action taken under the said Act shall be deemed to have been done or taken under the corresponding provisions of this Act.

(3) All rules made under the said Act shall continue to be in force and operate till new rules are made under this Act.

MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION**NOTIFICATION**

New Delhi, the 16th May, 2011

G.S.R. 387(E).— In exercise of the powers conferred by section 33 of the Collection of Statistics Act, 2008 (7 of 2009), the Central Government hereby makes the following rules, namely:—

COLLECTION OF STATISTICS RULES, 2011

1. Short title and commencement: (1) These rules may be called the Collection of Statistics Rules, 2011.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. Definitions: (1) In these rules, unless the context otherwise requires —

- (a) 'Act' means the Collection of Statistics Act, 2008;
- (b) "Form" means a form appended to these rules;
- (c) 'nodal officer' means an officer designated as nodal officer under rule 3 of these rules;
- (d) "personal information" means any information, whether true or not, and whether recorded in a material form or not, about an informant whose identity can reasonably be ascertained from such information;
- (e) "reference period" means the time period over which the data collected reflects the characteristics of the units of enumeration;
- (f) "State Government", in relation to a Union territory, means the Administration thereof; and
- (g) "outsourcing" means making use of the services of a private service provider for the purposes of these rules.

(2) Words and expressions used but not defined herein shall have the meanings respectively assigned to them in the Act.

3. Nodal officer. — (1) The Central Government shall designate an officer not below the rank of a Joint Secretary to the Government of India in a nodal Department dealing with statistical matters, as the nodal officer for exercising powers and performing duties under these rules.

(2) Every State Government shall designate an officer not below the rank of a Deputy Secretary to the State Government in a nodal Department dealing with statistical matters, as the nodal officer for exercising powers and performing duties under these rules.

4. Powers and duties of nodal officer. - (1) The nodal officer designated by the Central Government under sub-rule (1) of rule 3 shall -

- (a) maintain and update register of statistics officers appointed by the Central Government;
- (b) obtain and maintain, from time to time, information on availability of statistics including unit-level data, whether collected under the provisions of the Act or not, with different Departments of the Central Government and nodal officers in the States;
- (c) advise the Departments of the Central Government and the nodal officers in the States on steps to improve the statistical potential of administrative records to avoid conducting separate statistical surveys to collect statistics contained or purported to be contained in such administrative records;
- (d) issue instructions from time to time on promoting the sharing of statistical information including unit-level data among different Departments of the Central Government and States to avoid unnecessary duplication of programmes of collection of statistics and resolve disputes or differences of opinion, if any, among them on the issue; and
- (e) submit annual report to the Central Government on the working.

(2) The nodal officer designated by the State Government under sub-rule (2) of rule 3 shall -

- (a) maintain and update a register of statistics officers appointed from time to time in the State;
- (b) obtain and maintain from time to time information on availability of statistics including unit-level data, whether collected under the provisions of the Act or not, with different Government Departments and local governments in the State;
- (c) advise the Departments of the State Government and local governments in the State on steps to improve the statistical potential of administrative records to avoid conducting separate statistical surveys to collect statistics contained or purported to be contained in such administrative records;

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- (d) issue instructions from time to time on promoting the sharing of statistical information including unit-level data among Departments of the State Government and local governments in the State to avoid unnecessary duplication of programmes of collection of statistics and resolve disputes or differences of opinion, if any, among them on the issue; and
- (e) obtain reports, as may be required, on the working of this Act from Government Departments and local governments in the State and submit annual reports on the working of this Act in the State to the nodal officer appointed by the Central Government.

5. Direction on collection of statistics.- (1) Any Department in a State Government or any local government in a State shall, before making a direction under section 3 of the Act for collection of statistics on any subject for any reference period in any geographical unit under its jurisdiction, consult the nodal officer in the State to avoid unnecessary duplication in collection of statistics.

(2) Any Department of the Central Government shall, before making a direction under section 3 of the Act for collection of statistics on any subject for any reference period in any geographical unit under its jurisdiction, consult the nodal officer of the Central Government to avoid unnecessary duplication in collection of statistics.

(3) The nodal officer shall, on receipt of any request under sub-rule (1) or sub-rule (2), as the case may be, within a period of one month render such advice as may be necessary to the concerned office to avoid unnecessary duplication in collection of statistics.

(4) The appropriate Government on receipt of advice under sub-rule (3) shall communicate to the nodal officer, the reasons in all cases of disagreement with such advice, at least fifteen days prior to issuing notification under section 3 of the Act.

(5) Every notification under section 3 of the Act shall contain the following particulars, namely: -

- (a) subject and purpose for collection of statistics;
- (b) geographical area for collection of statistics;
- (c) method of data collection;
- (d) nature of informants from whom data may be collected;
- (e) period during which collection of statistics may be completed;
- (f) reference period;
- (g) nature of information to be collected;
- (h) language in which information is to be furnished by informant;
- (i) obligation of informant;

- (j) nature of business records and other records which may be inspected; and
- (k) the manner of inspection.

(6) A copy of every notification referred in sub-rule (5) shall be forwarded to the nodal officer of the Central Government and the nodal officer of the State concerned.

6. Principles for prescribing information schedules. - In respect of prescribing any information schedule for collection of statistics on any subject, the appropriate Government or a statistics officer, as the case may be, shall satisfy itself that -

- (i) it has authority to direct collection of statistics on the subject under the Act subject to the restrictions given in the proviso to section 3 of the Act;
- (ii) it has, for the purpose of finalising items on which information is to be collected, consulted the nodal officer to include the requirements of other Government Departments;
- (iii) excessive demands would not be placed on the informants by making the direction and for the purpose field testing of information schedules has been carried out where necessary;
- (iv) the range and detail in the information schedules specified for collection of statistics on any subject shall be limited to what is absolutely necessary;
- (v) the reporting burden shall be spread as widely as possible over informant populations through appropriate sampling;
- (vi) the information sought from business shall, as far as possible, be readily available from their accounts and electronic means are used where possible to facilitate their collection;
- (vii) best estimates and approximations on any item of information sought shall be accepted when exact details are not readily available with any informant;
- (viii) each information schedule used for collecting statistics from any informant has, where necessary, a provision for particulars on which information may be furnished at the discretion of the informant;
- (ix) provision is made in each information schedule for filling up the details and appending the signature of the person concerned who would be engaged in the collection of statistics;
- (x) indicate in each information schedule, for general information of informants prior to collection of statistics from them under the Act, its plan, if any, to disclose any information collected from them which in the opinion of the appropriate Government is otherwise available to the public under any other Act or as a public document or which is in the form of an index or list of the names and addresses of informants together with the classification, if any, allotted to them and the number of persons engaged; and

- (xi) make a provision in each information schedule to obtain written consent from each informant whose information other than the information covered in clause (x), it proposes to disclose.

7. Appointment of statistics officers. - (1) Every notification under section 4 of the Act appointing the statistics officer shall contain the following particulars, namely: -

- (a) name, designation and address of the officer appointed as statistics officer for each geographical unit for collection of statistics;
- (b) details of any agency or company or organisation or association or person engaged for collection of statistics, and, terms and conditions of engagement and safeguards laid down for the purpose;
- (c) the form and the particulars required or the interval within which, and the statistics officer to whom, the statistical information by the informants shall be furnished; and
- (d) the powers, if any, delegated under sub-sections (4) or (6) of section 4 the Act to any statistics officer.

(2) Every statistics officer, immediately on his appointment, shall submit an undertaking in Form-I to the appropriate Government.

8. Registration of statistics officers. - The appropriate Government shall maintain a record of statistics officers in respect of their appointment, their terms and geographical areas for which they have been appointed, in Form-II.

9. Powers and functions of a statistics officer. - A statistics officer, appointed for the purposes of collection of statistics on any subject in any geographical unit, shall -

- (i) take, aid in and supervise the collection of statistics;
- (ii) cause agencies to be appointed or engaged for collection of statistics;
- (iii) obtain undertaking from all the persons engaged in the collection of statistics in Form-I and forward them to the appropriate Government or to an officer authorised for the purpose by that Government;
- (iv) devise or cause to devise relevant information schedules and the mode or modes of collection of statistics;
- (v) allot or cause to allot work of collection of statistics in his jurisdiction to different persons and agencies engaged for the purpose;
- (vi) provide all the relevant material to be distributed to agencies engaged and arrange for their training for facilitating collection of statistics;
- (vii) cause to provide necessary publicity for collection of statistics at an appropriate time;
- (viii) coordinate the work of all agencies during the period of collection of statistics and maintain liaison with local authorities for smooth conduct of the collection of statistics;

- (ix) cause notices to informants for furnishing information issued under his signature, where necessary and cause acknowledgements received from such informants, to be kept in safe custody;
- (x) take steps, in case of statistical surveys having the same set of informants with different reference periods, to issue only one notice to each informant indicating therein the information required to be furnished and the reference periods for which the information is required;
- (xi) cause entry of persons authorised by him in writing and carrying a photo-identity card issued by him into any premises of any informant for collection of statistics;
- (xii) cause necessary assistance provided to informants requiring such assistance for furnishing the information sought;
- (xiii) cause access to any informant to the information collected from that informant for facilitating intimation of corrections or amendments on any inaccurate information;
- (xiv) cause verification of information furnished by any informant;
- (xv) based on complaints or otherwise, take action against erring persons and others in accordance with the provisions of the Act and these rules;
- (xvi) obtain from the agencies engaged in the collection of statistics, all the information schedules, all the undertakings obtained from persons engaged in collection of statistics, all other relevant records and documents on completion of their work and forward them with a certificate to that effect to the appropriate Government or to any officer authorised by that Government;
- (xvii) carry out such other tasks as may be necessary for the successful collection of statistics; and
- (xviii) submit periodical reports as may be specified by the appropriate Government.

10. Assistance in collection of statistics. - (1) Every Department of the Central Government or the State Government or the local governments shall furnish within such time and in such form as required, the list of informants and other information which is available with them, relevant for conducting any statistical survey under these rules to a statistics officer or any agency or person authorised by the appropriate Government upon receipt of a notice to that effect.

(2) The appropriate Government or a statistics officer, as the case may be, may write to any Department of the Central Government or the State Government or any local government specifying the nature of assistance required for collection of statistics under the Act and upon receipt of such communication, the latter shall comply with the requirement to the extent feasible.

(3) In cases of collection of statistics in disturbed areas, the police, the para-military and the armed forces shall provide such assistance as would be required by the concerned statistics officer.

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11. Duty to furnish information. - Subject to the provisions of section 6 of the Act,

(1) every informant shall, on demand, produce or give a copy of any books of accounts, vouchers, documents, or other business records or personal records or documents in his possession relevant to collection of statistics under the Act to any statistics officer or any person authorised by him in writing and carrying a photo-identity card issued by him, and the statistics officer or the authorised person, as the case may be, may take a copy or extract of such record or document; and

(2) the head of every family shall be responsible to furnish or cause to furnish the correct details of name and number of members, other particulars, records and documents, as may be required, of the family of which he is the head including dependants:

provided that in so far as inmates of institutions, such as orphanages, old age homes, and mental asylums are concerned, the responsibility for providing or causing to provide the requisite details, records and documents shall lie with the head of the Institution.

12. General terms, conditions and safeguards for outsourcing. - Every contract or arrangement for collection of statistics under the Act by any person or agency or company or organisation or association shall be subject to the following terms, conditions, and safeguards, namely: -

- (a) outsourcing arrangements shall be subject to a formal and comprehensive written contract;
- (b) functions which are to be decided and enforced by the appropriate government under the Act shall not be outsourced;
- (c) appropriate Government or a statistics officer authorised for the purpose by that Government shall have a right, of information and conduct or order on-site inspections in an outsourcing service provider's premises or place of work and right to cancel contract in case of unsatisfactory performance;
- (d) every agency, engaged in collection of statistics, shall render such help and assistance and furnish such information to the statistics officer or a person or an agency authorised by him in writing, as he may require for the discharge of his functions, and shall make available for inspection and examination such records, plans and other documents, as may be necessary;
- (e) persons engaged by any agency for collection of statistics, are made aware of the agency's obligations, and they shall submit a written undertaking in Form-I to the concerned statistics officer not to access, use, disclose or retain personal information except in performing their duties of employment or contractual obligations; and are informed that failure to comply with the provisions of the Act and these rules may be an offence rendering themselves for punishment as per the provisions of the Act;

- (f) each person engaged in any activity relating to the collection of statistics shall be bound by the provisions of the Act and these rules, the violation of which shall render him punishable as per the provisions of the Act;
- (g) provisions relating to disclosure of information and restrictions of their use under sections 9, 10, 11, 12, 13 and 14 of the Act and these rules shall have effect during the period of collection of statistics provided in the contract and shall continue to have effect even after the termination or completion of the contract, as the case may be;
- (h) the appropriate Government or any statistics officer on receipt of any complaint shall immediately communicate the agency engaged in collection of statistics of only those details of the complaint, as may be necessary to minimize any breach or prevent further breaches of the agreement or failure to comply with any of the provisions of the Act or these rules;
- (i) if any agency engaged in collection of statistics receives any complaint from any informant, it shall immediately communicate the complaint to the appropriate Government or the concerned statistics officer, as may be required;
- (j) the appropriate Government or the statistics officer may, on receipt of any communication under clauses (h) or (i), give directions, as may be necessary, to the agency; and
- (k) the statistics officer and every person engaged in the collection of statistics shall, on completion of their work, handover all the records and documents and furnish a certificate to that effect to the appropriate Government or to an officer authorised for the purpose by that Government.

13. Restrictions on use of personal information. - Each agency engaged in collection of statistics shall take all reasonable measures to ensure that -

- (a) personal information is protected against unauthorised access, disclosure or other misuse;
- (b) the agency uses personal information only for the purpose of fulfilling its obligations under a specified contract;
- (c) in case of repetitive statistical surveys with a common set of informants, the agency uses the personal information earlier collected only for the purpose of setting up interviews with or otherwise contacting informants; and
- (d) the agency uses personal information for data processing only with adequate security checks.

14. Right of entry into any premises of informants. - A statistics officer or any person authorised by him in writing and carrying a photo-identity card issued by the statistics officer, shall, during the period of collection of statistics for the purpose of collection of statistics under the Act or for inspection and examination of records, and documents in connection with it, during 10.00 hrs to 17.00 hrs on any day or at a time mutually convenient to both the parties have the right to enter the premises of any informant in the portion of the premises normally entered by visitors or guests or as suggested by the informant.

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15. Processing of complaints - (1) In cases of alleged offences committed by any informant as per provisions of the Act, any statistics officer, after making such inquiries as deemed fit, may cause a notice issued to the informant in writing to show cause within a reasonable period to be specified in the notice as to why prosecution under the Act shall not be sanctioned for committing the alleged offence.

(2) A statistics officer shall consider the explanation, if any, furnished by the informant in pursuance to the notice issued under sub-rule (1), and after satisfying himself, for reasons to be recorded in writing, sanction for institution of prosecution of the informant.

(3) In case of any alleged offences committed by any person other than an informant, the appropriate Government may, after making such inquiries as deemed fit, cause a notice issued to the person in writing to show cause within a reasonable period to be specified in the notice as to why prosecution under the Act shall not be sanctioned for committing the alleged offence.

(4) The appropriate Government may, if it considers necessary, send a copy of the show-cause notice issued under sub-rule (3) of this rule and the explanation, if any, received from the alleged offender to the concerned statistics officer and obtain his recommendation on it, and after considering the explanation of the alleged offender and recommendation of statistics.

16. Storage of data and records. - Subject to the provisions of section 13 of the Act, the appropriate Government or an officer authorised by that Government shall, provide details by which any informant could access his own information for facilitating intimation of corrections or amendments on any inaccurate information, store the statistics collected under the provisions of the Act in such a manner as would facilitate easy retrieval of information collected from any informant so as to provide access to the informant, if necessary and keep all the undertakings and other material obtained from the statistics officers and other persons or agencies engaged in collection of statistics in safe custody.

Form-I

[See rules 7 (2), 9 (iii), 12 (e)]

Undertaking by statistics officer and other persons to be engaged in any capacity for collection of statistics under the provisions of the Collection of Statistics Act, 2008 (7 of 2009)

I, _____ (Full Name), born on ____ (Date of birth), son/ daughter/ wife of _____ (Name of person) resident of _____ (address) do hereby solemnly affirm, that I accept the responsibility _____ (nature of work) assigned to me for collection of statistics in respect of _____ (direction under section 3 of the Act) under the Collection of Statistics Act, 2008 (7 of 2009) and the Collection of Statistics Rules, 2011, that I shall not access, use, disclose or retain personal information of any informant except in performing my duties of employment or contractual obligations in respect of collection of statistics, and that in case of any violation on my part to comply with the provisions of the Act and the rules made thereunder, and I shall render myself punishable as per the provisions of the Act.

Place: ____

Date: ____

Signature of statistics officer or the person
engaged in any capacity for collection of statistics

Form-II
(See rule 8)

Register of statistics officers to be maintained by the appropriate Government

1. Details of the direction issued under section 3 of the Collection of Statistics Act, 2008:
2. Name and address of the appropriate Government making direction:
3. Details of statistics officers appointed for collection of statistics under the aforesaid direction:

S. No.	Name of statistics officer	Permanent address	Educational qualifications and experience, if any, in collection of statistics	Geographical unit for which appointed and period of appointment	Powers, if any, delegated under section 4 (4) and (6) of the Act
(1)	(2)	(3)	(4)	(5)	(6)

Date of appointment	Date of termination of appointment
(7)	(8)

Place: _____

Date: _____

Signature with office seal of the officer
responsible for maintaining
the record of statistics officers

[F. No. M-15011/1/2007-Admn. III]

Prof. T.C.A. ANANT, Secy.

The Factories Act 1948

[63 of 1948]

AIV.1 "Factory" means any premises including the precincts thereof

(i) Wherein ten or more workers are working or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power or is ordinarily so carried on, or,

(ii) Wherein twenty or more workers are working or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on without the aid of power or is ordinarily so carried on, but does not include a mine subject to the operation of the Mines Act, 1952, or a railway running shed.

AIV.2 The "Manufacturing Process" referred to above has been defined [vide section 2(k)]

in the Factories Act, 1948

as: "Any process

for-

(i) making, altering, ornamenting, finishing, packing, oiling, washing, cleaning, breaking up, demolishing or otherwise treating or adapting any article or substance with a view to its use, sale, transport, delivery or disposal; or,

(ii) pumping oil, water or sewage ;

or,

(iii) generating, transforming or transmitting power;

or,

(iv) composing types for printing by letter press, lithography, photogravure or other similar process or book binding; or,

(v) constructing, reconstructing, repairing, refitting, finishing or breaking up ships or vessels.

(vi) preserving or storing any article in cold storage"

[Abstract from Factories Act 1948 for ASI]

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
016	0163	Post-harvest crop activities
	0164	Seed processing for propagation
089	0893	Extraction of salt
101	1010	Processing and preserving of meat
102	1020	Processing and preserving of fish, crustaceans and molluscs and products thereof
103	1030	Processing and preserving of fruit and vegetables
104	1040	Manufacture of vegetable and animal oils and fats
105	1050	Manufacture of dairy products
106		Manufacture of grain mill products, starches and starch products
	1061	Manufacture of grain mill products
	1062	Manufacture of starches and starch products
107		Manufacture of other food products
	1071	Manufacture of bakery products
	1072	Manufacture of sugar
	1073	Manufacture of cocoa, chocolate and sugar confectionery
	1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products
	1075	Manufacture of prepared meals and dishes
	1079	Manufacture of other food products n.e.c.
108	1080	Manufacture of prepared animal feeds
110		Manufacture of beverages
	1101	Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials
	1102	Manufacture of wines
	1103	Manufacture of malt liquors and malt
	1104	Manufacture of soft drinks; production of mineral waters and other bottled waters

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
120	1200	Manufacture of tobacco products
131		Spinning, weaving and finishing of textiles
	1311	Preparation and spinning of textile fibres
	1312	Weaving of textiles
	1313	Finishing of textiles
139		Manufacture of other textiles
	1391	Manufacture of knitted and crocheted fabrics
	1392	Manufacture of made-up textile articles, except apparel
	1393	Manufacture of carpets and rugs
	1394	Manufacture of cordage, rope, twine and netting
	1399	Manufacture of other textiles n.e.c.
141	1410	Manufacture of wearing apparel, except fur apparel
142	1420	Manufacture of articles of fur
143	1430	Manufacture of knitted and crocheted apparel
151		Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
	1511	Tanning and dressing of leather; dressing and dyeing of fur
	1512	Manufacture of luggage, handbags and the like, saddlery and harness
152	1520	Manufacture of footwear
161	1610	Saw milling and planing of wood
162		Manufacture of products of wood, cork, straw and plaiting materials
	1621	Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and board
	1622	Manufacture of builders' carpentry and joinery
	1623	Manufacture of wooden containers
	1629	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
170		Manufacture of paper and paper products
	1701	Manufacture of pulp, paper and paperboard
	1702	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
	1709	Manufacture of other articles of paper and paperboard
181		Printing and service activities related to printing
	1811	Printing
	1812	Service activities related to printing
182	1820	Reproduction of recorded media
191	1910	Manufacture of coke oven products
192	1920	Manufacture of refined petroleum products
201		Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
	2011	Manufacture of basic chemicals
	2012	Manufacture of fertilizers and nitrogen compounds
	2013	Manufacture of plastics and synthetic rubber in primary forms
202		Manufacture of other chemical products
	2021	Manufacture of pesticides and other agrochemical products
	2022	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
	2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
	2029	Manufacture of other chemical products n.e.c.
203	2030	Manufacture of man-made fibres
210	2100	Manufacture of pharmaceuticals, medicinal chemical and botanical products
221		Manufacture of rubber products
	2211	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
	2219	Manufacture of other rubber products

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
222	2220	Manufacture of plastics products
231	2310	Manufacture of glass and glass products
239		Manufacture of non-metallic mineral products n.e.c.
	2391	Manufacture of refractory products
	2392	Manufacture of clay building materials
	2393	Manufacture of other porcelain and ceramic products
	2394	Manufacture of cement, lime and plaster
	2395	Manufacture of articles of concrete, cement and plaster
	2396	Cutting, shaping and finishing of stone
	2399	Manufacture of other non-metallic mineral products n.e.c.
241	2410	Manufacture of basic iron and steel
242	2420	Manufacture of basic precious and other non-ferrous metals
243		Casting of metals
	2431	Casting of iron and steel
	2432	Casting of non-ferrous metals
251		Manufacture of structural metal products, tanks, reservoirs and steam generators
	2511	Manufacture of structural metal products
	2512	Manufacture of tanks, reservoirs and containers of metal
	2513	Manufacture of steam generators, except central heating hot water boilers
252	2520	Manufacture of weapons and ammunition
259		Manufacture of other fabricated metal products; metalworking service activities
	2591	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
	2592	Machining; treatment and coating of metals
	2593	Manufacture of cutlery, hand tools and general hardware

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
	2599	Manufacture of other fabricated metal products n.e.c.
261	2610	Manufacture of electronic components
262	2620	Manufacture of computers and peripheral equipment
263	2630	Manufacture of communication equipment
264	2640	Manufacture of consumer electronics
265		Manufacture of measuring, testing, navigating and control equipment; watches and clocks
	2651	Manufacture of measuring, testing, navigating and control equipment
	2652	Manufacture of watches and clocks
266	2660	Manufacture of irradiation, electromedical and electrotherapeutic equipment
267	2670	Manufacture of optical instruments and equipment
268	2680	Manufacture of magnetic and optical media
271	2710	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
272	2720	Manufacture of batteries and accumulators
273		Manufacture of wiring and wiring devices
	2731	Manufacture of fibre optic cables for data transmission or live transmission of images
	2732	Manufacture of other electronic and electric wires and cables
	2733	Manufacture of wiring devices
274	2740	Manufacture of electric lighting equipment
275	2750	Manufacture of domestic appliances
279	2790	Manufacture of other electrical equipment
281		Manufacture of general purpose machinery
	2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
	2812	Manufacture of fluid power equipment
	2813	Manufacture of other pumps, compressors, taps and valves

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
	2814	Manufacture of bearings, gears, gearing and driving elements
	2815	Manufacture of ovens, furnaces and furnace burners
	2816	Manufacture of lifting and handling equipment
	2817	Manufacture of office machinery and equipment
	2818	Manufacture of power-driven hand tools
	2819	Manufacture of other general-purpose machinery
282		Manufacture of special-purpose machinery
	2821	Manufacture of agricultural and forestry machinery
	2822	Manufacture of metal-forming machinery and machine tools
	2823	Manufacture of machinery for metallurgy
	2824	Manufacture of machinery for mining, quarrying and construction
	2825	Manufacture of machinery for food, beverage and tobacco processing
	2826	Manufacture of machinery for textile, apparel and leather production
	2829	Manufacture of other special-purpose machinery
291	2910	Manufacture of motor vehicles
292	2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
293	2930	Manufacture of parts and accessories for motor vehicles
301		Building of ships and boats
	3011	Building of ships and floating structures
	3012	Building of pleasure and sporting boats
302	3020	Manufacture of railway locomotives and rolling stock
303	3030	Manufacture of air and spacecraft and related machinery
304	3040	Manufacture of weapons and ammunition
309		Manufacture of transport equipment n.e.c.

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
	3091	Manufacture of motorcycles
	3092	Manufacture of bicycles and invalid carriages
	3099	Manufacture of other transport equipment n.e.c.
310	3100	Manufacture of furniture
321		Manufacture of jewellery, bijouterie and related articles
	3211	Manufacture of jewellery and related articles
	3212	Manufacture of imitation jewellery and related articles
322	3220	Manufacture of musical instruments
323	3230	Manufacture of sports goods
324	3240	Manufacture of games and toys
325	3250	Manufacture of medical and dental instruments and supplies
329	3290	Other manufacturing n.e.c.
331		Repair of fabricated metal products, machinery and equipment
	3311	Repair of fabricated metal products
	3312	Repair of machinery
	3313	Repair of electronic and optical equipment
	3314	Repair of electrical equipment
	3315	Repair of transport equipment, except motor vehicles
	3319	Repair of other equipment
332	3320	Installation of industrial machinery and equipment
351	3510	Electric power generation, transmission and distribution
352	3520	Manufacture of gas; distribution of gaseous fuels through mains
353	3530	Steam and air conditioning supply
360	3600	Water collection, treatment and supply

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
370	3700	Sewerage
381		Waste collection
	3811	Collection of non-hazardous waste
	3812	Collection of hazardous waste
382		Waste treatment and disposal
	3821	Treatment and disposal of non-hazardous waste
	3822	Treatment and disposal of hazardous waste
383	3830	Materials recovery
452	4520	Maintenance and repair of motor vehicles
454	4540	Sale, maintenance and repair of motorcycles and related parts and Accessories
521	5210	Warehousing and storage
581		Publishing of books, periodicals and other publishing activities
	5811	Book publishing
	5812	Publishing of directories and mailing lists
	5813	Publishing of newspapers, journals and periodicals
	5819	Other publishing activities
591		Motion picture, video and television programme activities
	5911	Motion picture, video and television programme production activities
	5912	Motion picture, video and television programme post-production activities
	5913	Motion picture, video and television programme distribution activities
592	5920	Sound recording and music publishing activities
742	7420	Photographic activities
829		Business support service activities n.e.c.
	8292	Packaging activities

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
951		Repair of computers and communication equipment
	9511	Repair of computers and peripheral equipment
	9512	Repair of communication equipment
952		Repair of personal and household goods
	9521	Repair of consumer electronics
	9522	Repair of household appliances and home and garden equipment
	9523	Repair of footwear and leather goods
	9524	Repair of furniture and home furnishings
	9529	Repair of personal and household goods, n.e.c.
960		Other personal service activities
	9601	Washing and (dry-) cleaning of textile and fur products